Autumn 1			Ye	ar 7			
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)	
Week 1 (w/b Wed 7 th Sep)	Lesson 1: 7.2.1 The Night Sky – Objects in the night sky, solar system	bjects in the night sky, solar project – rockets Lesson 1 Rockets		Lesson 1: Working scientifically project – rockets Lesson 1	Lesson 1: 7.2.1 The Night Sky – Objects in the night sky, the universe Lesson 2: 7.2.2 – The Solar System I: Make a model of the solar system, use to show planets motion relative to each other		
Key Words Level 2 Level 3	Identify, describe, explain Planets, Moon, star, galaxy, solar system, satellite, scale, universe	Identify, describe, explain Solid, liquid, gas, density, kinetic energy, order/ordered, random	Independent, dependent, control, hypothesis, prediction, conclusion, evaluation Thrust, acceleration, gravity	Independent, dependent, control, hypothesis, prediction, conclusion, evaluation Thrust, acceleration, gravity	Independent, dependent, control, hypothesis, prediction, conclusion, evaluation Thrust, acceleration, gravity	Identify, describe, explain Planets, Moon, star, galaxy, solar system, satellite, scale, universe	
Common	Earth goes around the sun, flat	Particles don't get bigger when	That you can investigate more	That you can investigate more	That you can investigate more	Earth goes around the sun, flat	
Misconceptions	earth	gases expand	than one factor at a time and it	than one factor at a time and it	than one factor at a time and it	earth	
			still be a valid experiment	still be a valid experiment	still be a valid experiment		
Homework	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	
	of group	of group	of group.	of group.	of group.	of group.	
Assessment this half-term	7.2 Universe Test	Online test – w/b 26 th Sept				7.2 Universe Test	
Career	LIFE SKILLS: To know what is visible	LIFE SKILLS: To learn why things	LIFE SKILLS: To learn how to plan,	LIFE SKILLS: To learn how to plan,	LIFE SKILLS: To learn how to plan,	LIFE SKILLS: To know what is visible	
opportunities	when looking at the nigh sky	change from solid \rightarrow liquid \rightarrow gas	reflect and make improvements	reflect and make improvements	reflect and make improvements	when looking at the night sky	
Employment Links	EMPLOYMENT:	EMPLOYMENT: Chemist	EMPLOYMENT:	EMPLOYMENT:	EMPLOYMENT:	EMPLOYMENT:	
	https://www.iop.org/careers-		https://www.iop.org/careers-	https://www.iop.org/careers-	https://www.iop.org/careers-	https://www.iop.org/careers-	
	<pre>physics/your-future-with- physics/career-paths/outreach-</pre>		<pre>physics/your-future-with- physics/career-paths/outreach-</pre>	<pre>physics/your-future-with- physics/career-paths/outreach-</pre>	<pre>physics/your-future-with- physics/career-paths/outreach-</pre>	<pre>physics/your-future-with- physics/career-paths/outreach-</pre>	
	diversity		diversity	diversity	diversity	diversity	
Employability Skills	Aiming high Creativity Leadership Literacy Independence Listening Presenting Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Listeracy Numeracy Independence Communication Teamwork Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Pramwork Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Pramwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork	
IT Skills	IT2: Kerboodle homework	Staying positive	IT2: Kerboodle homework	IT1 & IT2: Using google for research			
				photograph practical work for final			
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)	
Week 2 (w/b 12 th Sep)	Lesson 1: 7.2.1 The Night Sky – Objects in the night sky, the universe Lesson 1: 5.1.1 States of Matter		Lesson 1: Working scientifically project – rockets Lesson 2 Lesson 1: Working Scientifically – Rockets Lesson 2: Working Scientifically – Rockets Lesson 3: Working Scientifically – Rockets		Lesson 1: Working scientifically project – rockets Lesson 2	Lesson 1: 7.2.3 – The Earth, seasons Lesson 2: 7.2.4 – The Moon and changing ideas, phases of the moon and heliocentrism/geocentrism	
Key Words Level 2 Level 3	Identify, describe, explain Planets, Moon, star, galaxy, solar system, satellite, scale, universe	Identify, describe, explain Solid, liquid, gas, density, kinetic energy, order/ordered, random	Independent, dependent, control, hypothesis, prediction, conclusion, evaluation Thrust, acceleration, gravity	Independent, dependent, control, hypothesis, prediction, conclusion, evaluation Thrust, acceleration, gravity	Independent, dependent, control, hypothesis, prediction, conclusion, evaluation Thrust, acceleration, gravity	Identify, describe, explain Planets, Moon, star, galaxy, solar system, satellite, scale, universe geocentrism, heliocentrism	
Common Misconceptions	Earth goes around the sun, flat earth	Particles don't get bigger when gases expand	That you can investigate more than one factor at a time and it still be a valid experiment	That you can investigate more than one factor at a time and it still be a valid experiment	That you can investigate more than one factor at a time and it still be a valid experiment	Earth goes around the sun, flat earth	

Homework	Kerboodle task suitable to ability	Kerboodle task suitable to ability	ability Kerboodle task suitable to ability Kerboodle task suitable to ability Kerboodle task suitable to ability		Kerboodle task suitable to ability		
Homework	of group	of group	of group.	of group.	of group.	of group.	
Assessment this	7.2 Universe Test	Online test – w/b 26 th Sept	0.8.005.	7.2 Universe Test		7.2 Universe Test	
half-term		1, 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2					
Career	LIFE SKILLS: To know what is visible	LIFE SKILLS: To learn why things	LIFE SKILLS: To learn how to plan,	LIFE SKILLS: To learn how to plan,	LIFE SKILLS: To learn how to plan,	LIFE SKILLS: To learn why we have	
opportunities	when looking at the night sky	change from solid \rightarrow liquid \rightarrow gas	reflect and make improvements	reflect and make improvements	reflect and make improvements	low and high tide	
Employment Links	EMPLOYMENT:	EMPLOYMENT: Chemist	EMPLOYMENT:	EMPLOYMENT:	EMPLOYMENT:	EMPLOYMENT:	
, ,	https://www.iop.org/careers-		https://www.iop.org/careers-	https://www.iop.org/careers-	https://www.iop.org/careers-	https://www.iop.org/careers-	
	physics/your-future-with-		physics/your-future-with-	physics/your-future-with-	physics/your-future-with-	physics/your-future-with-	
	physics/career-paths/outreach-		physics/career-paths/outreach-	physics/career-paths/outreach-	physics/career-paths/outreach-	physics/career-paths/outreach-	
	diversity		diversity	diversity	diversity	diversity	
Employability Skills		Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	
	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy	
	Leadership Independence	Leadership Independence	Leadership Independence	Leadership Independence	Leadership Independence	Leadership Independence	
	Listening Communication	Listening Communication	Listening Communication	Listening Communication	Listening Communication	Listening Communication	
	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork	
	Problem solving Staying positive	Problem solving Staying positive	Problem solving Staying positive	Problem solving Staying positive	Problem solving Staying positive	Problem solving Staying positive	
IT Skills	IT2: Kerboodle homework	Staying positive	IT2: Kerboodle homework	IT1 & IT2: Using google for research			
TT Skills	112. Ref boodie Homework		112. Refoodle flottlework	photograph practical work for final i		Homework	
				price 8, april price to the control of the control			
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)	
Week 3	Lesson 1: 7.2.2 – The Solar System	Lesson 1: 5.1.2 States of Matter	Lesson 1: Working scientifically	Lesson 1: Working Scientifically –	Lesson 1: Working scientifically	Lesson 1: Test	
(w/b 19 th Sep)	I: Make a model of the solar		project – rockets	Rockets	project – rockets	Lesson 2: Feedback/Exemplars	
	system, use to show planets			Lesson 2: Working Scientifically –			
	motion relative to each other			Rockets			
				Lesson 3: Working Scientifically –			
				Rockets			
Key Words	Identify, describe, explain	Identify, describe, explain	Independent, dependent, control,	Independent, dependent, control,	Independent, dependent, control,	Identify, describe, explain,	
Level 2	Planets, Moon, star, galaxy, solar	Solid, liquid, gas, density, kinetic	hypothesis, prediction, conclusion,	hypothesis, prediction, conclusion,	hypothesis, prediction, conclusion,	compare, evaluate	
Level 3	system, satellite, scale, universe	energy, order/ordered, random	evaluation	evaluation	evaluation		
			Thrust, acceleration, gravity	Thrust, acceleration, gravity	Thrust, acceleration, gravity		
Common	Earth goes around the sun, flat	Particles don't get bigger when	That you can investigate more	That you can investigate more	That you can investigate more	Identified from assessment	
Misconceptions	earth	gases expand	than one factor at a time and it	than one factor at a time and it	than one factor at a time and it		
			still be a valid experiment	still be a valid experiment	still be a valid experiment		
Homework	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	
	of group	of group	of group.	of group.	of group.	of group.	
Assessment this	7.2 Universe Test	Online test – w/b 26 th Sept		7.2 Universe Test		W/b 19 th Dec 8a Organisms Test	
half-term	LIFE CKILLS: To loome why Fouth	LIFE CKILLS. To looks why things	LIFE CALLEY To look be with along	LIFE CHILLS: To loom how to man	LIFE CKILLS: To look how to plan	LIFE CKILLS: Deciliones	
Career	LIFE SKILLS: To learn why Earth	LIFE SKILLS: To learn why things	LIFE SKILLS: To learn how to plan,	LIFE SKILLS: To learn how to plan,	LIFE SKILLS: To learn how to plan,	LIFE SKILLS: Resilience	
opportunities	provides optimum living	change from solid → liquid → gas EMPLOYMENT: Chemist	reflect and make improvements EMPLOYMENT:	reflect and make improvements	reflect and make improvements EMPLOYMENT:	EMPLOYMENT: Physics teacher	
Employment Links	conditions	EIVIPLOTIVIEINT: CHEMIST		EMPLOYMENT:			
	EMPLOYMENT: https://www.iop.org/careers-		https://www.iop.org/careers- physics/your-future-with-	https://www.iop.org/careers- physics/your-future-with-	https://www.iop.org/careers- physics/your-future-with-		
	physics/your-future-with-		physics/your-ruture-with- physics/career-paths/outreach-	physics/your-ruture-with- physics/career-paths/outreach-	physics/your-ruture-with- physics/career-paths/outreach-		
			diversity	-			
		nysics/career-paths/outreach-		<u>diversity</u> <u>diversity</u>			
	diversity						
Employability Skills	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	
. , ., .,	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy	
			Leadership Independence	Leadership Independence	Leadership Independence	Leadership Independence	
	Listening Communication Listening Communication Listening		Listening Communication	Listening Communication	Listening Communication	Listening Communication	

	Presenting Teamwork Problem solving	Presenting Teamwork Problem solving	Presenting Teamwork Problem solving	Presenting Teamwork Problem solving	Presenting Teamwork Problem solving	Presenting Teamwork Problem solving	
IT Skills	Staying positive IT2: Kerboodle homework	Staying positive	Staying positive IT2: Kerboodle homework	IT1 & IT2: Using google for research photograph practical work for final		Staying positive nomework	
				photograph practical work for infair	leports		
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)	
Week 4 (w/b 26 th Sep)	Lesson 1: 7.2.2 – The Solar System II: Make a model of the solar system, use to show planets motion relative to each other	Freezing/Online test project – rockets Lesson 4 project – rockets Lesson 4		Lesson 1: 7.2.1 The Night Sky – Objects in the night sky, the universe Lesson 2: 7.2.2 – The Solar System I: Make a model of the solar system, use to show planets motion relative to each other Lesson 3: 7.2.2 – The Solar System II: Make a model of the solar system, use to show planets motion relative to each other	Lesson 1: Working scientifically project – rockets Lesson 4	Lesson 1: 5.1.1 – Particle Theory Lesson 2: 5.1.1 States of Matter	
Key Words Level 2 Level 3	Identify, describe, explain Planets, Moon, star, galaxy, solar system, satellite, scale, universe	Identify, describe, explain Solid, liquid, gas, density, kinetic energy, order/ordered, random, melting, freezing, temperature, thermometer	Independent, dependent, control, hypothesis, prediction, conclusion, evaluation Thrust, acceleration, gravity	Identify, describe, explain Planets, Moon, star, galaxy, solar system, satellite, scale, universe	Independent, dependent, control, hypothesis, prediction, conclusion evaluation Thrust, acceleration, gravity		
Common Misconceptions	Earth goes around the sun, flat earth	Particles don't get bigger when gases expand	That you can investigate more than one factor at a time and it	Earth goes around the sun, flat earth	That you can investigate more than one factor at a time and it	Particles don't get bigger when gases expand	
		Second only and	still be a valid experiment		still be a valid experiment	gases expand	
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group	
Assessment this	7.2 Universe Test	01 8.0 dp	Online test – w/b 26 th Sept	0. g. cap.		0.9.006	
half-term	LIFE SKILLS: To learn why Earth	LIFE SKILLS: To learn why things	LIFE SKILLS: To learn how to plan,	LIFE SKILLS: To know what is visible	LIFE SKILLS: To learn how to plan,	LIFE SKILLS: To learn why things	
Career opportunities Employment Links	provides optimum living conditions EMPLOYMENT: https://www.iop.org/careers- physics/your-future-with- physics/career-paths/outreach- diversity	reflect and make improvements EMPLOYMENT: Chemist EMPLOYMENT: https://www.iop.org/careers- physics/your-future-with- with- reflect and make improvements to learn why Earth provides optimum living conditions EMPLOYMENT: bhttps://www.iop.org/careers- physics/career-paths/outreach- https://www.iop.org/careers- physics/career-paths/outreach-		reflect and make improvements EMPLOYMENT: https://www.iop.org/careers- physics/your-future-with- physics/career-paths/outreach- diversity	change from solid → liquid → gas EMPLOYMENT: Chemist		
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communication Presenting Teamwork Problem solving Staying positive	Aiming high Creativity Leadership Literacy Leadership Lidependence Listening Presenting Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Listeracy Numeracy Independence Communication Teamwork Problem Solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Listeracy Numeracy Independence Communication Teamwork Problem solving	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	
IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT1 & IT2: Using google for research and cameras to photograph practical work for final reports	IT2: Kerboodle homework	IT1 & IT2: Using google for research and cameras to photograph practical work for fina reports	IT2: Kerboodle homework	
Notes/ developments /standardisation comments				It to take place this week.			

	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)	
Week 5 (w/b 3 rd Oct)	Lesson 1: 7.2.3 – The Earth, seasons	Lesson 1: 5.1.4 Boiling	Lesson 1: 7.2.3 – The Earth, seasons Lesson 2: 7.2.4 – The Moon and changing ideas, phases of the moon and heliocentrism/geocentrism Lesson 3: 7.2.4 – The Moon and changing ideas, phases of the moon and heliocentrism/geocentrism locentrism/geocentrism locentrism/geocentrism locentrism/geocentrism locentrism/geocentrism locentrism/geocentrism locentrism/geocentrism		Lesson 1: Working scientifically project – rockets Lesson 5	Lesson 1: 5.1.2 States of Matter Lesson 2: 5.1.3 Melting & Freezing/Online test	
Key Words Level 2 Level 3	Identify, describe, explain Planets, Moon, star, galaxy, solar system, satellite, scale, universe	Identify, describe, explain Solid, liquid, gas, density, kinetic energy, order/ordered, random, melting, freezing, temperature, thermometer	Independent, dependent, control, hypothesis, prediction, conclusion, evaluation Thrust, acceleration, gravity	Identify, describe, explain Planets, Moon, star, galaxy, solar system, satellite, scale, universe geocentrism, heliocentrism	Independent, dependent, control, hypothesis, prediction, conclusion, evaluation Thrust, acceleration, gravity	Identify, describe, explain Solid, liquid, gas, density, kinetic energy, order/ordered, random, melting, freezing, temperature, thermometer	
Common Misconceptions	Earth goes around the sun, flat earth	Particles don't get bigger when gases expand	That you can investigate more than one factor at a time and it still be a valid experiment	an one factor at a time and it earth than one factor at a time and it			
Homework Assessment this half-term	Kerboodle task suitable to ability of group 7.2 Universe Test	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group. 7.2 Universe Test	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group Online test – w/b 26 th Sept	
Career opportunities Employment Links	LIFE SKILLS: To know why we have the different seasons EMPLOYMENT: https://www.iop.org/careers- physics/your-future-with- physics/career-paths/outreach- diversity	LIFE SKILLS: To learn why things boil and that different things have different boiling points EMPLOYMENT: Chemist	LIFE SKILLS: To learn how to plan, reflect and make improvements EMPLOYMENT: https://www.iop.org/careers-physics/your-future-with-physics/career-paths/outreach-diversity	LIFE SKILLS: To know why we have the different seasons EMPLOYMENT: https://www.iop.org/careers- physics/your-future-with- physics/career-paths/outreach- diversity	LIFE SKILLS: To learn how to plan, reflect and make improvements EMPLOYMENT: https://www.iop.org/careers-physics/your-future-with-physics/career-paths/outreach-diversity	LIFE SKILLS: To learn why things change from solid → liquid → gas EMPLOYMENT: Chemist	
Employability Skills	Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communication Presenting Teamwork Problem solving Staying positive	Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communication Presenting Teamwork Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Pramwork Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Pramwork	Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communication Presenting Teamwork Problem solving Staying positive	
IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT1 & IT2: Using google for research and cameras to photograph practical work for final reports	IT2: Kerboodle homework	IT1 & IT2: Using google for research and cameras to photograph practical work for final reports	IT2: Kerboodle homework	
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)	
Week 6 (w/b 10 th Oct)	Lesson 1: 7.2.4 – The Moon and changing ideas, phases of the moon and heliocentrism/geocentrism	Lesson 1: 5.1.5 More Changes of State (sublimation, evaporation)	Lesson 1: Working scientifically project – rockets Lesson 6	Lesson 1: 7.2 Universe Test Lesson 2: Exemplars Lesson 3: Feedback	Lesson 1: Working scientifically project – rockets Lesson 6	Lesson 1: 5.1.4 Boiling Lesson 2: 5.1.5 More Changes of State (sublimation, evaporation)	
Key Words Level 2 Level 3	Identify, describe, explain Planets, Moon, star, galaxy, solar system, satellite, scale, universe geocentrism, heliocentrism	ets, Moon, star, galaxy, solar Solid, liquid, gas, density, kinetic em, satellite, scale, universe energy, order/ordered, random,		Independent, dependent, control, hypothesis, prediction, conclusion, evaluation Thrust, acceleration, gravity		Identify, describe, explain Solid, liquid, gas, density, kinetic energy, order/ordered, random, melting, freezing, temperature, thermometer	

Common	Earth goes around the sun, flat	Particles don't get bigger when	That you can investigate more	Identified from assessment	That you can investigate more	Particles don't get bigger when	
Misconceptions	earth	gases expand	than one factor at a time and it		than one factor at a time and it	gases expand	
Haman and	Manhaadha kada asitabla ka abiita.	Manha a dia tanà ao itanà ao ao ao ita	still be a valid experiment	Wanta a dia tanà ao sita bia ta ability	still be a valid experiment	Manhaadha kada ay isabba ka abiith	
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group	
Assessment this	7.2 Universe Test	or group	or group.	7.2 Universe Test	or group.	or group	
half-term							
Career	LIFE SKILLS: To learn why we have	LIFE SKILLS: To learn why things	LIFE SKILLS: To learn how to plan,	LIFE SKILLS: Resilience	LIFE SKILLS: To learn how to plan,	LIFE SKILLS: To learn why things	
opportunities	low and high tide	evaporate	reflect and make improvements	EMPLOYMENT:	reflect and make improvements	boil and that different things have	
Employment Links	EMPLOYMENT:	EMPLOYMENT: Chemist	EMPLOYMENT:	https://www.iop.org/careers-	EMPLOYMENT:	different boiling points	
	https://www.iop.org/careers- physics/your-future-with-		https://www.iop.org/careers- physics/your-future-with-	<pre>physics/your-future-with- physics/career-paths/outreach-</pre>	https://www.iop.org/careers- physics/your-future-with-	EMPLOYMENT: Chemist	
	physics/career-paths/outreach-		physics/career-paths/outreach-	diversity	physics/career-paths/outreach-		
	diversity		diversity	<u>arrendy</u>	diversity		
Employability Skills	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	
	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy	
	Leadership Independence Listening Communication	Leadership Independence Listening Communication	Leadership Independence Listening Communication	Leadership Independence Listening Communication	Leadership Independence Listening Communication	Leadership Independence Listening Communication	
	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork	
	Problem solving	Problem solving	Problem solving	Problem solving	Problem solving	Problem solving	
IT Skills	Staying positive	Staying positive	Staying positive	Staying positive	Staying positive	Staying positive	
11 SKIIIS	IT2: Kerboodle homework	IT2: Kerboodle homework	IT1 & IT2: Using google for research and cameras to	IT2: Kerboodle homework	IT1 & IT2: Using google for research and cameras to	IT2: Kerboodle homework	
			photograph practical work for final		photograph practical work for final		
			reports		reports		
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)	
Week 7	Lesson 1: 7.2 Universe Test	Lesson 1: 5.1.6 Diffusion	Lesson 1: Working scientifically	Lesson 1: 5.1.1 The Particle Theory	Lesson 1: Working scientifically	Lesson 1: 5.1.6 Diffusion	
(w/b 17 th Oct)			project – rockets Lesson 7	Lesson 2: 5.1.1 The Particle Theory	project – rockets Lesson 7	Lesson 2: 5.1.7 Gas Pressure	
				Lesson 3: 5.1.2 States of Matter			
Key Words		Identify, describe, explain	Independent, dependent, control,	Identify, describe, explain	Independent, dependent, control,	Identify, describe, explain	
Level 2		Solid, liquid, gas, density, kinetic	hypothesis, prediction, conclusion,	Solid, liquid, gas, density, kinetic	hypothesis, prediction, conclusion,	Solid, liquid, gas, density, kinetic	
Level 3		energy, order/ordered, random,	<mark>evaluation</mark>	energy, order/ordered, random,	<mark>evaluation</mark>	energy, order/ordered, random,	
		melting, freezing, temperature,	Thrust, acceleration, gravity	melting, freezing, temperature,	Thrust, acceleration, gravity	melting, freezing, temperature,	
Common	Identified from assessment	thermometer, rate Particles don't get bigger when	That you can investigate more	thermometer, rate Particles don't get bigger when	That you can investigate more	thermometer, rate Particles don't get bigger when	
Misconceptions	dentined from assessment	gases expand	than one factor at a time and it	gases expand	than one factor at a time and it	gases expand	
sconceptions		gases expand	still be a valid experiment	Bases expand	still be a valid experiment	Sases expand	
Homework	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	
	of group	of group	of group.	of group.	of group.	of group	
Assessment this half-term	7.2 Universe Test	Online test – w/b 26 th Sept		Online test – w/b 26 th Sept		Online test – w/b 26 th Sept	
Career	LIFE SKILLS: Resilience	LIFE SKILLS: To learn why some	LIFE SKILLS: To learn how to plan,	LIFE SKILLS: To learn why things	LIFE SKILLS: To learn how to plan,	LIFE SKILLS: To learn why some	
opportunities	EMPLOYMENT: https://www.iop.org/careers-	things diffuse faster than others EMPLOYMENT: Parfumier	reflect and make improvements EMPLOYMENT:	change from solid → liquid → gas	reflect and make improvements EMPLOYMENT:	things diffuse faster than others EMPLOYMENT: Parfumier	
Employment Links	physics/your-future-with-	LIVIPLOTIVIEIVI. PAITUIIIIEI	https://www.iop.org/careers-			LIVIFLOTIVIENT. Patruffilet	
	physics/career-paths/outreach-		physics/your-future-with-		https://www.iop.org/careers- physics/your-future-with-		
	diversity		physics/career-paths/outreach-		physics/career-paths/outreach-		
			diversity		diversity		
Employability Skills		Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	
	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy	
	Leadership Independence Listening Communication	Leadership Independence Listening Communication	Leadership Independence Listening Communication	Leadership Independence Listening Communication	Leadership Independence Listening Communication	Leadership Independence Listening Communication	
	Listening Communication	Listening Communication	Listering Communication	Listerinig Communication	Listening Communication	Listerning Communication	

	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork
	Problem solving	Problem solving	Problem solving	Problem solving	Problem solving	Problem solving
	Staying positive	Staying positive	Staying positive	Staying positive	Staying positive	Staying positive
IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT1 & IT2: Using google for	IT2: Kerboodle homework	IT1 & IT2: Using google for	IT2: Kerboodle homework
			research and cameras to		research and cameras to	
			photograph practical work for fina	I	photograph practical work for final	
			reports		reports	

Autumn 2			Yea	ar 7			
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)	
Week 8 (w/b Mon 31 st Oct)	Lesson 1: Feedback	Lesson 1: 5.1.7 Gas Pressure	Lesson 1: 8.1.1 Levels of organisation	Lesson 1: 5.1.3 Melting & Freezing Lesson 2: 5.1.4 Boiling Lesson 3: 5.1.5 More Changes of State (sublimation, evaporation)	Lesson 1: 8.1.1 Levels of organisation	Lesson 1: 5.1.8 Inside Particles Lesson 2: 5.2.1 Pure Substances & Mixtures	
Key Words Level 2 Level 3	Identify, describe, explain, compare, evaluate	Identify, describe, explain Solid, liquid, gas, density, kinetic energy, order/ordered, random, melting freezing, temperature, thermometer, rate	Identify, describe, explain Cell, tissue, organ, organ system	Identify, describe, explain Solid, liquid, gas, density, kinetic energy, order/ordered, random, melting freezing, temperature, thermometer, rate	Identify, describe, explain Cell, tissue, organ, organ system	Identify, describe, explain Solid, liquid, gas, density, kinetic energy, order/ordered, random, melting freezing, temperature, thermometer, rate, subatomic, nucleus	
Common	Identified from assessment	Particles don't get bigger when	That organs can only belong to	Particles don't get bigger when	That organs can only belong to	Particles don't get bigger when	
Misconceptions		gases expand	one system	gases expand	one system	gases expand	
Homework	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	
Accesses and their	of group	of group	of group.	of group.	of group.	of group	
Assessment this half-term	In class 6 mark question	In class 6 mark question	In class 6 mark question	W/b 28 th Nov – 5a Matter Test	In class 6 mark question	W/b 21 st Nov – 5a Matter Test	
Career opportunities Employment Links	LIFE SKILLS: Resilience EMPLOYMENT: Physics teacher	LIFE SKILLS: Understanding how pressure affects containers EMPLOYMENT: Hot air balloonist	LIFE SKILLS: Understanding structure in the body EMPLOYMENT: Radiographer	LIFE SKILLS: Understanding why things boil or melt EMPLOYMENT: Chemist	LIFE SKILLS: Understanding structure in the body EMPLOYMENT: Radiographer	LIFE SKILLS: Understanding why certain things react EMPLOYMENT: Chemist	
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Pramwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Pramwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Pramwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Pramwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork	
IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	
	44 (2010)	44 (450)	144(16)		20 (142)	PO ((0.45)	
Week 9 (w/b 7 th Nov)	A1 (DHN) Lesson 1: Exemplars	A1 (AEC) Lesson 1: 5.1.8 Inside Particles	A1 (LS) Lesson 1: 8.2.1 Observing cells – parts of and how to use a microscope	A2/A3/A4/B1/B2/B4 Lesson 1: 5.1.6 Diffusion Lesson 2: 5.1.7 Gas Pressure Lesson 3: 5.1.8 Inside Particles	B3 (JAD) Lesson 1: 8.2.1 Observing cells – parts of and how to use a microscope	B3 (KMF) Lesson 1: 5.2.2 Solutions Lesson 2: 5.2.3 Solubility	
Key Words Level 2 Level 3	Identify, describe, explain, compare, evaluate Identify, describe, explain Solid, liquid, gas, density, kinetic energy, order/ordered, random, me freezing, temperature, thermometer, rate, subator nucleus		Identify, describe, explain Objective lens, magnification, eyepiece, microscope slide	Identify, describe, explain Solid, liquid, gas, density, kinetic energy, order/ordered, random, melting freezing, temperature, thermometer, rate, subatomic, nucleus	Identify, describe, explain Objective lens, magnification, eyepiece, microscope slide	Identify, describe, explain Pure, impure, solvent, solute, solution	
Common Misconceptions	Identified from assessment	Particles don't get bigger when gases expand	That changing the objective lens changes the focus	Particles don't get bigger when gases expand That changing the objective lens changes the focus		Solutes don't "disappear"	

_	_		_	_	1		
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.				
Assessment this	In class 6 mark question	In class 6 mark question	In class 6 mark question	W/b 28 th Nov – 5a Matter Test	In class 6 mark question	W/b 21 st Nov – 5a Matter Test	
half-term	·	·	·	·	·	·	
Career	LIFE SKILLS: Resilience	LIFE SKILLS: Understanding why	LIFE SKILLS: Understanding the	LIFE SKILLS: Understanding why	LIFE SKILLS: Understanding the	LIFE SKILLS: Understanding how	
opportunities	EMPLOYMENT: Physics teacher	certain things react	roles of different cells in the body	certain things react	roles of different cells in the body	mixtures can be separated	
Employment Links		EMPLOYMENT: Chemist	EMPLOYMENT: Biomedical	EMPLOYMENT: Hot air balloonist	EMPLOYMENT: Biomedical	EMPLOYMENT: Barista	
			scientist, pathologist		scientist, pathologist		
Employability Skills	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	
	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy	
	Leadership Independence	Leadership Independence	Leadership <mark>Independence</mark>	Leadership Independence	Leadership <mark>Independence</mark>	Leadership Independence	
	Listening Communication	Listening Communication			Listening Communication	Listening Communication	
	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork	
	Problem solving	Problem solving	Problem solving	Problem solving	Problem solving	Problem solving	
IT CLUI	Staying positive	Staying positive	Staying positive	Staying positive	Staying positive	Staying positive	
IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)	
Week 10	Lesson 1: 3.1.1 Food and fuels	Lesson 1: 5.2.1 Pure Substances &	Lesson 1: 8.2.1 Observing cells –	Lesson 1: 5.2.1 Pure Substances &	Lesson 1: 8.2.1 Observing cells –	Lesson 1: 5.2.4 Filtration	
(w/b 14 th Nov)	Lesson 1. 3.1.11 tood and fuels	Mixtures	using a microscope with pre-	Mixtures	using a microscope with pre-	Lesson 2: 5.2.5 Evaporation &	
(W/D 14 140V)		Wintures	prepared cells	Lesson 2: 5.2.2 Solutions	prepared cells	Distillation	
			prepared cens	Lesson 3: 5.2.3 Solubility	prepared cens	Distillation	
				Lesson 5. 5.2.5 Solublinty			
Key Words	Identify, describe, explain	Identify, describe, explain	Identify, describe, explain	Identify, describe, explain	Identify, describe, explain	Identify, describe, explain	
Level 2	diet, wind turbine,	Pure, impure, solvent, solute,	Objective lens, magnification,	Pure, impure, solvent, solute,	Objective lens, magnification,	Pure, impure, solvent, solute,	
Level 3	energy, joule, kilojoule, nutrient,	solution	eyepiece, microscope slide,	solution	eyepiece, microscope slide,	solution	
LCVCIO	atomic, chemical, elastic potential,	Solution	nucleus, cell membrane, cell wall,	Solution	nucleus, cell membrane, cell wall,	Solution	
	gravitational potential, kinetic,		cytoplasm, mitochondria,		cytoplasm, mitochondria,		
	conservation, nuclear, strain, thermal,		ribosome, chloroplast, vacuole,		ribosome, chloroplast, vacuole,		
	transfer, biofuel, coal, electricity,		micrometre		micrometre		
	fossil, fuel, renewable, non-		merometre		merometre		
	renewable, oil, geothermal,						
Common	hydroelectric, solar, Energy use increases as you get older	Solutes don't "disappear"	That changing the objective lens	Solutes don't "disappear"	That changing the objective lens	Solutes don't "disappear"	
Misconceptions	(It doesn't it varies with age groups	Solutes don't disappear	changes the focus	Solutes don't disappear	changes the focus	Solutes don't disappear	
Wilsconceptions	and activity levels).		changes the locus		changes the rocus		
	Things that are falling gain						
	gravitational energy.						
	Efficiency is a yes or no description						
	rather than a calculation.						
Homework	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	
	of group	of group	of group.	of group.	of group.	of group	
Assessment this	In class 6 mark question	In class 6 mark question	In class 6 mark question	W/b 28 th Nov – 5a Matter Test	In class 6 mark question	W/b 21 st Nov – 5a Matter Test	
half-term							
Career	LIFE SKILLS: Understanding how	LIFE SKILLS: Understanding how	LIFE SKILLS: Understanding the	LIFE SKILLS: Understanding how	LIFE SKILLS: Understanding the	LIFE SKILLS: Understanding how to	
opportunities	we get energy from food	mixtures can be separated	roles of different cells in the body	mixtures can be separated	roles of different cells in the body	create different solutions	
Employment Links	EMPLOYMENT:	EMPLOYMENT: Barista	EMPLOYMENT: Biomedical	EMPLOYMENT: Barista	EMPLOYMENT: Biomedical	EMPLOYMENT: Barista	
	https://www.iop.org/careers-		scientist, pathologist	scientist, pathologist			
	physics/your-future-with-						
	physics/career-paths/policy-						
	adviser						
Francisco della Città	Aiming high	Aiming high	Aiming high	Aiming high	Aiming high	Aiming high	
Employability Skills	Aiming high Literacy Creativity Numeracy	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	
	Creativity Numeracy Leadership Independence	Creativity Numeracy Leadership Independence	Creativity Numeracy Leadership Independence	Creativity Numeracy Leadership Independence	Creativity Numeracy Leadership Independence	Creativity Numeracy Leadership Independence	
	Listening Communication	Listening Communication	Listening Communication	Listening Communication	Listening Communication	Listening Communication	
	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork	
	Problem solving	Problem solving	Problem solving	Problem solving	Problem solving	Problem solving	
	Staying positive	Staying positive	Staying positive	Staying positive	Staying positive	Staying positive	
-	Staying positive Staying positive				· · - ·		

IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)	
Week 11 (w/b 21 st Nov)	Lesson 1: 3.1.2 Energy Resources I Renewable, non-renewable, combustion	Lesson 1: 5.2.2 Solutions	Lesson 1: 8.2.2 Plant and animal cells	Lesson 1: 5.2.4 Filtration Lesson 2: 5.2.5 Evaporation & Distillation Lesson 3: 5.2.6 Chromatography	Lesson 1: 8.2.2 Plant and animal cells	Lesson 1: 5.2.6 Chromatography Lesson 2: 5a Matter Test	
Key Words Level 2 Level 3	Identify, describe, explain Diet, wind turbine, energy, joule, kilojoule, nutrient, atomic, chemical, elastic potential, gravitational potential, kinetic, conservation, nuclear, strain, thermal, transfer, biofuel, coal, electricity, fossil, fuel, renewable, non- renewable, oil, geothermal, hydroelectric, solar,	Identify, describe, explain Pure, impure, solvent, solute, solution	Identify, describe, explain Nucleus, cell membrane, cell wall, cytoplasm, mitochondria, ribosome, chloroplast, vacuole, micrometre	s, cell membrane, cell wall, solute, solution, filter, filtrate, R _f value ne, chloroplast, vacuole,		Identify, describe, explain Pure, impure, solvent, solute, solution, filter, filtrate, R _f value	
Common Misconceptions	Energy use increases as you get older (It doesn't it varies with age groups and activity levels). Things that are falling gain gravitational energy. Efficiency is a yes or no description rather than a calculation.	Solutes don't "disappear"	Students often confuse the cell membrane and cell wall Solutes don't "disappear" Students often confuse the cell membrane and cell wall		Solutes don't "disappear"		
Homework	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability of group	
Assessment this half-term	of group In class 6 mark question	of group In class 6 mark question	of group. In class 6 mark question	of group. W/b 28 th Nov – 5a Matter Test	of group. In class 6 mark question	W/b 21 st Nov – 5a Matter Test	
Career opportunities Employment Links	LIFE SKILLS: Understanding how different energy resources work EMPLOYMENT: https://www.iop.org/careers-physics/your-future-with-physics/career-paths/policy-adviser	LIFE SKILLS: Understanding how to create different solutions EMPLOYMENT: Barista	LIFE SKILLS: Understanding the roles of different cells in the body EMPLOYMENT: Cellular biologist	LIFE SKILLS: Understanding how to filter different solutions EMPLOYMENT: Barista	LIFE SKILLS: Understanding the roles of different cells in the body EMPLOYMENT: Cellular biologist	LIFE SKILLS: Understanding how different things can be separated EMPLOYMENT: Forensic scientist	
Employability Skills	Aiming high Creativity Leadership Literacy Leadership Lindependence Listening Presenting Problem solving Staying positive	Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communication Presenting Teamwork Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Problem solving Staying positive	Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communication Presenting Teamwork Problem solving Staying positive	
IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	
Week 12 (w/b 28 th Nov)	A1 (DHN) Lesson 1: 3.1.2 Energy Resources II advantages and disadvantages A1 (AEC) Lesson 1: 5.2.3 Solubility		A1 (LS) Lesson 1: 8.2.2 Plant and animal cells – onion cell microscopy practical	A2/A3/A4/B1/B2/B4 Lesson 1: 5a Matter Test Lesson 2: Feedback/Exemplars Lesson 3: Feedback/Exemplars	B3 (JAD) Lesson 1: 8.2.2 Plant and animal cells – onion cell microscopy practical	B3 (KMF) Lesson 1: Feedback/Exemplars Lesson 2: Feedback/Exemplars	
Key Words Level 2 Level 3	Identify, describe, explain Diet, wind turbine, energy, joule, kilojoule, nutrient, atomic, chemical, elastic potential, gravitational potential, kinetic, conservation, nuclear, strain, thermal, transfer, biofuel, coal, electricity,		Identify, describe, explain Objective lens, magnification, eyepiece, microscope slide, nucleus, cell membrane, cell wall, cytoplasm, mitochondria,	Identify, describe, explain, compare, evaluate	Identify, describe, explain Objective lens, magnification, eyepiece, microscope slide, nucleus, cell membrane, cell wall, cytoplasm, mitochondria,	Identify, describe, explain, compare, evaluate	

	fossil, fuel, renewable, non-				ribosome, chloroplast, vacuole,		
	renewable, oil, geothermal,		micrometre .		micrometre		
Common Misconceptions	hydroelectric, solar, Energy use increases as you get older (It doesn't it varies with age groups and activity levels). Things that are falling gain gravitational energy. Efficiency is a yes or no description rather than a calculation.	Solutes don't "disappear"	That changing the objective lens changes the focus	Identified from assessment	That changing the objective lens changes the focus	Identified from assessment	
Homework	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	
	of group	of group	of group.	of group.	of group.	of group.	
Assessment this half-term	In class 6 mark question	In class 6 mark question	In class 6 mark question	W/b 28 th Nov – 5a Matter Test	In class 6 mark question		
Career opportunities Employment Links	LIFE SKILLS: EMPLOYMENT: https://www.iop.org/careers- physics/your-future-with- physics/career-paths/policy- adviser	LIFE SKILLS: Understanding how to create different solutions EMPLOYMENT: Barista	LIFE SKILLS: Understanding the roles of different cells in the body EMPLOYMENT: Cellular biologist	LIFE SKILLS: Resilience EMPLOYMENT: Chemistry teacher	LIFE SKILLS: Understanding the roles of different cells in the body EMPLOYMENT: Cellular biologist	LIFE SKILLS: Resilience EMPLOYMENT: Chemistry teacher	
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communication Presenting Teamwork Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Listeracy Numeracy Independence Communication Teamwork Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Listeracy Numeracy Independence Communication Teamwork Problem solving Staying positive	
IT Skills	IT2: Kerboodle homework	IT2. Karla a adla hamanuari	ITO: Manka and lank and account.	150 1/ 1 11 1		100 1/ 1 11 1 1	
511113	112. Kerboodie Hofflework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	
Week 13 (w/b 5 th Dec)	A1 (DHN) Lesson 1: 3.1.3 Energy and power	A1 (AEC) Lesson 1: 5.2.4 Filtration	A1 (LS) Lesson 1: 8.2.3 Specialised cells	A2/A3/A4/B1/B2/B4 Lesson 1: 8.1.1 Levels of organisation Lesson 2: 8.2.1 Observing cells – parts of and how to use a microscope Lesson 3: 8.2.1 Observing cells – using a microscope with preprepared cells	B3 (JAD) Lesson 1: 8.2.3 Specialised cells	B3 (KMF) Lesson 1: 3.1.1 Food and fuels Lesson 2: 3.1.2 Energy Resources I Renewable, non-renewable, combustion	
Week 13	A1 (DHN)	A1 (AEC) Lesson 1: 5.2.4 Filtration Identify, describe, explain Pure, impure, solvent, solute, solution, filter, filtrate, R _f value	A1 (LS)	A2/A3/A4/B1/B2/B4 Lesson 1: 8.1.1 Levels of organisation Lesson 2: 8.2.1 Observing cells — parts of and how to use a microscope Lesson 3: 8.2.1 Observing cells — using a microscope with pre-	B3 (JAD)	B3 (KMF) Lesson 1: 3.1.1 Food and fuels Lesson 2: 3.1.2 Energy Resources I Renewable, non-renewable,	
Week 13 (w/b 5 th Dec) Key Words Level 2	A1 (DHN) Lesson 1: 3.1.3 Energy and power Identify, describe, explain Diet, wind turbine, energy, joule, kilojoule, nutrient, atomic, chemical, elastic potential, gravitational potential, kinetic, conservation, nuclear, strain, thermal, transfer, biofuel, coal, electricity, fossil, fuel, renewable, non- renewable, oil, geothermal,	A1 (AEC) Lesson 1: 5.2.4 Filtration Identify, describe, explain Pure, impure, solvent, solute,	A1 (LS) Lesson 1: 8.2.3 Specialised cells Identify, describe, explain Nucleus, cell membrane, cell wall, cytoplasm, mitochondria, ribosome, chloroplast, vacuole,	A2/A3/A4/B1/B2/B4 Lesson 1: 8.1.1 Levels of organisation Lesson 2: 8.2.1 Observing cells — parts of and how to use a microscope Lesson 3: 8.2.1 Observing cells — using a microscope with prepared cells Identify, describe, explain Cell, tissue, organ, organ system, objective lens, magnification, eyepiece, microscope slide, nucleus, cell membrane, cell wall, cytoplasm, mitochondria, ribosome, chloroplast, vacuole,	B3 (JAD) Lesson 1: 8.2.3 Specialised cells Identify, describe, explain Nucleus, cell membrane, cell wall, cytoplasm, mitochondria, ribosome, chloroplast, vacuole,	B3 (KMF) Lesson 1: 3.1.1 Food and fuels Lesson 2: 3.1.2 Energy Resources I Renewable, non-renewable, combustion Identify, describe, explain diet, wind turbine, energy, joule, kilojoule, nutrient, atomic, chemical, elastic potential, gravitational potential, kinetic, conservation, nuclear, strain, thermal, transfer, biofuel, coal, electricity, fossil, fuel, renewable, non-renewable, oil, geothermal,	

Assessment this	In class 6 mark question	In class 6 mark question	In class 6 mark question	In class 6 mark question	In class 6 mark question	In class 6 mark question	
half-term	'	'	'	'	·	·	
Career opportunities Employment Links	LIFE SKILLS: Understanding where electricity to the home comes from EMPLOYMENT: https://www.iop.org/careers-physics/your-future-with-physics/career-paths/policy-adviser	LIFE SKILLS: Understanding the different types of filters EMPLOYMENT: Barista	LIFE SKILLS: Understanding the roles of different cells in the body EMPLOYMENT: Cellular biologist	e body structure in the body roles of different cells in the body		LIFE SKILLS: Understanding how we get energy from food EMPLOYMENT: https://www.iop.org/careers- physics/your-future-with- physics/career-paths/policy- adviser	
Employability Skills	Creativity Numeracy Leadership Independence Listening Communication Presenting Teamwork Problem solving Staying positive	Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communication Presenting Teamwork Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communication Presenting Teamwork Problem solving Staying positive	
IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)	
Week 14 (w/b 12 th Dec)	Lesson 1: 3.2.1 Energy adds up	Lesson 1: 5.2.5 Evaporation & Distillation	Lesson 1: 8.2.4 Movement of substances – diffusion demo	Lesson 1: 8.2.2 Plant and animal cells Lesson 2: 8.2.2 Plant and animal cells – onion cell microscopy practical Lesson 3: 8.2.3 Specialised cells	Lesson 1: 8.2.4 Movement of substances – diffusion demo	Lesson 1: 3.1.2 Energy Resources II advantages and disadvantages Lesson 2: 3.1.3 Energy and power	
Key Words Level 2 Level 3	Identify, describe, explain Diet, wind turbine, energy, joule, kilojoule, nutrient, atomic, chemical, elastic potential, gravitational potential, kinetic, conservation, nuclear, strain, thermal, transfer, biofuel, coal, electricity, fossil, fuel, renewable, non- renewable, oil, geothermal, hydroelectric, solar,	Identify, describe, explain Pure, impure, solvent, solute, solution, filter, filtrate, R _f value	Identify, describe, explain Diffusion, concentration gradient	Identify, describe, explain Objective lens, magnification, eyepiece, microscope slide, nucleus, cell membrane, cell wall, cytoplasm, mitochondria, ribosome, chloroplast, vacuole, micrometre, differentiated	Identify, describe, explain Diffusion, concentration gradient	Identify, describe, explain Diet, wind turbine, energy, joule, kilojoule, nutrient, atomic, chemical, elastic potential, gravitational potential, kinetic, conservation, nuclear, strain, thermal, transfer, biofuel, coal, electricity, fossil, fuel, renewable, non- renewable, oil, geothermal, hydroelectric, solar,	
Common Misconceptions	Energy use increases as you get older (It doesn't it varies with age groups and activity levels). Things that are falling gain gravitational energy. Efficiency is a yes or no description rather than a calculation.	Solutes don't "disappear"	That particles get 'absorbed' by other particles rather than mixing amongst them	Students often confuse the cell membrane and cell wall	That particles get 'absorbed' by other particles rather than mixing amongst them	Energy use increases as you get older (It doesn't it varies with age groups and activity levels). Things that are falling gain gravitational energy. Efficiency is a yes or no description rather than a calculation.	
Homework	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	
Assessment this half-term	of group In class 6 mark question	of group In class 6 mark question	of group. In class 6 mark question	of group. In class 6 mark question	of group. In class 6 mark question	In class 6 mark question	
Career opportunities Employment Links	LIFE SKILLS: Understanding how electricity bills are calculated EMPLOYMENT: https://www.iop.org/careers-physics/your-future-with-physics/career-paths/policy-adviser	LIFE SKILLS: Understanding how the distillation process works EMPLOYMENT: Barista	LIFE SKILLS: Understanding how oxygen and carbon dioxide move between the lungs and the blood EMPLOYMENT: Nurse, health care worker	LIFE SKILLS: Understanding the roles of different cells in the body EMPLOYMENT: Cellular biologist	LIFE SKILLS: Understanding how oxygen and carbon dioxide move between the lungs and the blood EMPLOYMENT: Nurse, health care worker	LIFE SKILLS: EMPLOYMENT: https://www.iop.org/careers- physics/your-future-with- physics/career-paths/policy- adviser	
Employability Skills	Aiming high Literacy Creativity Numeracy Leadership Independence	Aiming high Literacy Creativity Numeracy Leadership Independence	Aiming high Creativity Leadership Independence	Aiming high Creativity Leadership Literacy Numeracy Independence	Aiming high Creativity Leadership Literacy Numeracy Independence	Aiming high Literacy Creativity Numeracy Leadership Independence	

	Listening	Communication	Listening	Communication	Listening	Communication	Listening	Communication	<u>Listening</u>	Communication	Listening	Communication
	Presenting	Teamwork	Presenting	Teamwork	Presenting	Teamwork	Presenting	Teamwork	Presenting	Teamwork	Presenting	Teamwork
	Problem solving		Problem solving		Problem solving		Problem solving		Problem solving		Problem solving	
	Staying positive		Staying positiv	e	Staying positive		Staying positive		Staying positive		Staying positive	!
IT Skills	IT2: Kerboodle homework		IT2: Kerboodle	nomework	IT2: Kerboodle h	omework	IT2: Kerboodle l	nomework	IT2: Kerboodle	homework	IT2: Kerboodle h	omework

Spring 1			Yea	ar 7		
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)
Week 16 (w/b Wed 4 th Jan)	Lesson 1: 3.2.2 Energy dissipation	Lesson 1: 5.2.6 Chromatography – R _f Values	Lesson 1: 8.1.2 The skeleton	Lesson 1: 8.1.2 The skeleton Lesson 2: 8.1.3 Movement of joints – model arm prac Lesson 3: 8.1.4 Movement of muscles – chicken wing dissection	Lesson 1: 8.1.2 The skeleton	Lesson 1: Unit review Lesson 2: 3a Energy Test
Key Words Level 2 Level 3	Identify, describe, explain Diet, energy, joule, kilojoule, nutrient, atomic, chemical, elastic potential, gravitational potential, kinetic, conservation, nuclear, strain, thermal, transfer, biofuel, coal, electricity, fossil, fuel, renewable, non-renewable, oil, geothermal, hydroelectric, solar, wind turbine,	Identify, describe, explain Pure, impure, solvent, solute, solution, filter, filtrate, R _f value	Identify, describe, explain Tendon, ligament, muscle, joint, antagonistic pair, cartilage	Identify, describe, explain Tendon, ligament, muscle, joint, antagonistic pair, cartilage	Identify, describe, explain Tendon, ligament, muscle, joint, antagonistic pair, cartilage	Identify, describe, explain, compare, evaluate
Common Misconceptions	Energy use increases as you get older (It doesn't it varies with age groups and activity levels). Things that are falling gain gravitational energy. Efficiency is a yes or no description rather than a calculation.	Solutes don't "disappear"	That bones are solid	That bones are solid	That bones are solid	Identified from assessment
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group
Assessment this half-term	w/b 9 th Jan – 3a Energy Test	w/b 9 th Jan – 5a Matter Test	w/b 30 th Jan – 8a Cells and movement test	w/b 9 th Jan – 8a Cells and movement test w/b 13 th Feb – 3a Energy Test	w/b 30 th Jan – 8a Cells and movement test	w/b 9 th Jan – 3a Energy Test
Career opportunities Employment Links	LIFE SKILLS: EMPLOYMENT: https://www.iop.org/careers- physics/your-future-with- physics/career-paths/section- leader	LIFE SKILLS: Using formula to determine outcomes EMPLOYMENT: Barista	LIFE SKILLS: Understanding structure in the body EMPLOYMENT: Radiographer	LIFE SKILLS: Understanding how the body moves EMPLOYMENT: Physiotherapist, personal trainer, radiographer	LIFE SKILLS: Understanding structure in the body EMPLOYMENT: Radiographer	LIFE SKILLS: Resilience EMPLOYMENT: https://www.iop.org/careers- physics/your-future-with- physics/career-paths/section- leader
Employability Skills	Creativity Leadership Listening Presenting Problem solving Staying positive Numeracy Independence Communication Teamwork Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Presenting Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork
IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework
Week 17 (w/b 9 th Jan)	A1 (DHN) Lesson 1: 3a Energy Test	A1 (AEC) Lesson 1: 5a Matter - Test	A1 (LS) Lesson 1: 8.1.3 Movement of joints – model arm prac	A2/A3/A4/B1/B2/B4 Lesson 1: Unit review Lesson 2: Test Lesson 3: Test feedback	B3 (JAD) Lesson 1: 8.1.3 Movement of joints – model arm prac	B3 (KMF) Lesson 1: Exemplars Lesson 2: Feedback

Key Words Level 2 Level 3	Identify, describe, explain, compare, evaluate	Identify, describe, explain, compare, evaulate	Identify, describe, explain Identify, describe, explain Tendon, ligament, muscle, joint, antagonistic pair, cartilage	Identify, describe, explain, compare, evaluate	Identify, describe, explain Identify, describe, explain Tendon, ligament, muscle, joint, antagonistic pair, cartilage	Identify, describe, explain, compare, evaluate
Common Misconceptions	Identified from assessment	Identified from assessment	That all joints move in the same way	Identified from assessment	That all joints move in the same way	Identified from assessment
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group
Assessment this half-term	w/b 9 th Jan – 3a Energy Test	w/b 9 th Jan – 5a Matter Test	w/b 30 th Jan – 8a Cells and movement test	w/b 9 th Jan – 8a Cells and movement test w/b 13 th Feb – 3a Energy Test	w/b 30 th Jan – 8a Cells and movement test	6 mark in class question
Career opportunities Employment Links	LIFE SKILLS: Resilience EMPLOYMENT: https://www.iop.org/careers- physics/your-future-with- physics/career-paths/section- leader	LIFE SKILLS: Resilience EMPLOYMENT: Chemist	LIFE SKILLS: Understanding how the body moves EMPLOYMENT: Physiotherapist, personal trainer	LIFE SKILLS: Resilience EMPLOYMENT: Physiotherapist, personal trainer, radiographer	LIFE SKILLS: Understanding how the body moves EMPLOYMENT: Physiotherapist, personal trainer	LIFE SKILLS: Resilience EMPLOYMENT: https://www.iop.org/careers- physics/your-future-with- physics/career-paths/section- leader
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Listeracy Numeracy Independence Communication Teamwork Pramwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Listeracy Numeracy Independence Communication Teamwork Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Listeracy Numeracy Independence Communication Teamwork Pramwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Listeracy Numeracy Independence Communication Teamwork Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Presenting Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive
IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)
Week 18 (w/b 16 th Jan)	Lesson 1: Feedback	Lesson 1: Feedback/Exemplars	Lesson 1: 8.1.4 Movement of muscles – chicken wing dissection	Lesson 1: Test feedback Lesson 2: Test feedback Lesson 3: Test feedback	Lesson 1: 8.1.4 Movement of muscles – chicken wing dissection	Lesson 1: 6.1.1 Chemical Reactions Lesson 2: 6.2.1 More About Elements
Key Words Level 2 Level 3	Identify, describe, explain, compare, evaluate	Identify, describe, explain	Identify, describe, explain Tendon, ligament, muscle, joint, antagonistic pair, cartilage	Identify, describe, explain, compare, evaluate	Identify, describe, explain Tendon, ligament, muscle, joint, antagonistic pair, cartilage	Identify, describe, explain Reversible, irreversible, chemical, physical, element, compound, mixture
Common Misconceptions	Identified from assessment	Identified from assessment	The bigger the muscle is, the better it works	Identified from assessment	The bigger the muscle is, the better it works	Be clear about what the subscripts mean in chemical formulae, what a compound is, how to write symbol formulae (Capital letter then lower case, if there's a second in the elements symbol).
Homework	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability
A	of group	of group	of group.	of group.	of group.	of group
Assessment this half-term	6 mark in class question	6 mark in class question	w/b 30 th Jan – 8a Cells and movement test	w/b 9 th Jan – 8a Cells and movement test w/b 13 th Feb – 3a Energy Test	w/b 30 th Jan – 8a Cells and movement test	6 mark in class question
Career opportunities Employment Links	LIFE SKILLS: Resilience EMPLOYMENT: https://www.iop.org/careers- physics/your-future-with- physics/career-paths/section- leader	LIFE SKILLS: Resilience EMPLOYMENT: Chemist	LIFE SKILLS: Understanding how the body moves EMPLOYMENT: Physiotherapist, personal trainer	LIFE SKILLS: Resilience EMPLOYMENT: Physiotherapist, personal trainer, radiographer	LIFE SKILLS: Understanding how the body moves EMPLOYMENT: Physiotherapist, personal trainer	LIFE SKILLS: Understanding why different reactions occur EMPLOYMENT: Technician
Employability Skills	Aiming high Creativity Leadership Listening Literacy Numeracy Independence Communication	Aiming high Creativity Leadership Listening Literacy Numeracy Independence Communication	Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communication	Aiming high Creativity Leadership Listening Literacy Numeracy Independence Communication	Aiming high Creativity Leadership Listening Communication	Aiming high Creativity Leadership Listening Literacy Numeracy Independence Communication

	Presenting Teamwork Problem solving Staying positive	Presenting Teamwork Problem solving Staying positive	Presenting Teamwork Problem solving Staying positive	Presenting Teamwork Problem solving Staying positive	Presenting Problem solving Staying positive	Presenting Teamwork Problem solving Staying positive
IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)
Week 19 (w/b 23 rd Jan)	Lesson 1: Exemplar	Lesson 1: Feedback/Exemplars	Lesson 1: Unit review	Lesson 1: 3.1.1 Food and fuels Lesson 2: 3.1.1 Food and fuels – burning fuels prac. Lesson 3: 3.1.1 Food and fuels – burning fuels prac.	Lesson 1: Unit review	Lesson 1: 6.2.3 Metals & Acids Lesson 2: 6.2.4 Metals & Oxygen
Key Words Level 2 Level 3	identify, describe, explain, compare, evaluate	Identify, describe, explain, compare, evaluate	Identify, describe, explain	Identify, describe, explain Diet, energy, joule, kilojoule, nutrient, atomic, chemical, elastic potential, gravitational potential, kinetic, conservation, nuclear, strain, thermal, transfer, biofuel, coal, electricity, fossil, fuel, renewable, non-renewable, oil, geothermal, hydroelectric, solar, wind turbine,	Identify, describe, explain	Identify, describe, explain Reversible, irreversible, chemical, physical, element, compound, mixture, metal, non-metal, pH, strength, concentration/concentrate, dilute, oxidation
Common Misconceptions	Identified from assessment	Identified from assessment	Identified through active questioning	Energy use increases as you get older (It doesn't it varies with age groups and activity levels). Things that are falling gain gravitational energy. Efficiency is a yes or no description rather than a calculation.	Identified through active questioning	Be clear about what the subscripts mean in chemical formulae, what a compound is, how to write symbol formulae (Capital letter then lower case, if there's a second in the elements symbol).
Homework	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability
Accessed this	of group	of group	of group. w/b 30 th Jan – 8a Cells and	of group. w/b 9 th Jan – 8a Cells and	of group. w/b 30 th Jan – 8a Cells and	of group
Assessment this half-term	6 mark in class question	6 mark in class question	movement test	movement test w/b 13 th Feb – 3a Energy Test	movement test	6 mark in class question
Career	LIFE SKILLS: Resilience	LIFE SKILLS: Resilience	LIFE SKILLS: Understanding how	LIFE SKILLS: Understanding the	LIFE SKILLS: Understanding how	LIFE SKILLS: Understanding how
opportunities Employment Links	EMPLOYMENT: https://www.iop.org/careers- physics/your-future-with- physics/career-paths/section- leader	EMPLOYMENT: Chemist	the body moves EMPLOYMENT: Physiotherapist, personal trainer	calorific values of food EMPLOYMENT: https://www.iop.org/careers- physics/your-future-with- physics/career-paths/section- leader	the body moves EMPLOYMENT: Physiotherapist, personal trainer	metals react EMPLOYMENT: Technician
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Listeracy Numeracy Independence Communication Teamwork Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Listeracy Numeracy Independence Communication Teamwork Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Pramwork Staying positive	Aiming high Creativity Leadership Literacy Leadership Independence Listening Communication Presenting Teamwork Problem solving Staying positive
IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework
W. J. 22	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)
Week 20 (w/b 30 th Jan)	Lesson 1: 2.1.1 Potential difference - series	Lesson 1: 6.1.1 Chemical Reactions	Lesson 1: Test	Lesson 1: 3.1.2 Energy Resources I Renewable, non-renewable, combustion Lesson 2: 3.1.2 Energy Resources II advantages and disadvantages Lesson 3: 3.1.3 Energy and power	Lesson 1: Test	Lesson 1: 6.2.5 Metals & Water Lesson 2: 6.2.6 Metal Displacement Reactions
Key Words Level 2 Level 3	ldentify, describe, explain	Identify, describe, explain	Identify, describe, explain, compare, evaluate	Identify, describe, explain Diet, energy, joule, kilojoule, nutrient, atomic, chemical, elastic potential,	Identify, describe, explain, compare, evaluate	Identify, describe, explain Reversible, irreversible, chemical, physical, element, compound,

	Conductor, insulator, charge, flow, complete circuit, resistance, ohm, voltage, parallel, series,	Reversible, irreversible, chemical, physical, element, compound, mixture		gravitational potential, kinetic, conservation, nuclear, strain, thermal, transfer, biofuel, coal, electricity, fossil, fuel, renewable, non-renewable, oil, geothermal, hydroelectric, solar, wind turbine,		mixture, metal, non-metal, pH, strength, concentration/concentrated, dilute, oxidation, alkali
Common Misconceptions	Batteries are a battery (not made of cells). Batteries and cells are the same. Earth write and the fuse are the same.	Be clear about what the subscripts mean in chemical formulae, what a compound is, how to write symbol formulae (Capital letter then lower case, if there's a second in the elements symbol).	Identified from assessment	Energy use increases as you get older (It doesn't it varies with age groups and activity levels). Things that are falling gain gravitational energy. Efficiency is a yes or no description rather than a calculation.	Identified from assessment	Be clear about what the subscripts mean in chemical formulae, what a compound is, how to write symbol formulae (Capital letter then lower case, if there's a second in the elements symbol).
Homework Assessment this	Kerboodle task suitable to ability of group 6 mark in class question	Kerboodle task suitable to ability of group 6 mark in class question	Kerboodle task suitable to ability of group. w/b 30 th Jan – 8a Cells and	Kerboodle task suitable to ability of group. w/b 9 th Jan – 8a Cells and	Kerboodle task suitable to ability of group. w/b 30 th Jan – 8a Cells and	Kerboodle task suitable to ability of group 6 mark in class question
half-term	o mark in class question	o mark in class question	movement test	movement test w/b 13 th Feb – 3a Energy Test	movement test	o mark in class question
Career opportunities Employment Links	LIFE SKILLS: Understanding voltage EMPLOYMENT: https://www.iop.org/careers- physics/your-future-with- physics/career-paths/chief- executive-officer	LIFE SKILLS: Understanding why different reactions occur EMPLOYMENT: Technician	LIFE SKILLS: Resilience EMPLOYMENT: Research scientist	LIFE SKILLS: Understanding the uses of different energy resources EMPLOYMENT: https://www.iop.org/careers-physics/your-future-with-physics/career-paths/section-leader	LIFE SKILLS: Resilience EMPLOYMENT: Research scientist	LIFE SKILLS: Understanding which metals are safe in water EMPLOYMENT: Technician
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Independence Communication Teamwork Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Literacy Communication Prependence Communication Teamwork Problem Solving
IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)
Week 21 (w/b 6 th Feb)	Lesson 1: 2.1.1 Potential Difference - parallel	Lesson 1: 6.2.1 More About Elements	Lesson 1: Test feedback	Lesson 1: 3.2.1 Energy adds up Lesson 2: 3.2.1 Energy adds up Lesson 3: 3.2.2 Energy dissipation	Lesson 1: Test feedback	Lesson 1: 6.2.2 Chemical Reactions of Metals & Non-metals Lesson 2: 6.1.2 Acids and Alkalis
Key Words Level 2 Level 3	Identify, describe, explain Conductor, insulator, charge, flow, complete circuit, resistance, ohm, voltage, parallel, series,	Identify, describe, explain Reversible, irreversible, chemical, physical, element, compound, mixture	Identify, describe, explain, compare, evaluate	Identify, describe, explain Diet, energy, joule, kilojoule, nutrient, atomic, chemical, elastic potential, gravitational potential, kinetic, conservation, nuclear, strain, thermal, transfer, biofuel, coal, electricity, fossil, fuel, renewable, non-renewable, oil, geothermal, hydroelectric, solar, wind turbine,	Identify, describe, explain, compare, evaluate	Identify, describe, explain Reversible, irreversible, chemical, physical, element, compound, mixture, metal, non-metal, pH, strength, concentration/concentrated, dilute, oxidation, alkali, displacement, reactive/reactivity, neutralisation, indicator
Common Misconceptions	Batteries are a battery (not made of cells). Batteries and cells are the same. Earth write and the fuse are the same.	Be clear about what the subscripts mean in chemical formulae, what a compound is, how to write symbol formulae (Capital letter then lower case, if there's a second in the elements symbol).	Identified from assessment	Energy use increases as you get older (It doesn't it varies with age groups and activity levels). Things that are falling gain gravitational energy. Efficiency is a yes or no description rather than a calculation.	Identified from assessment	Be clear about what the subscripts mean in chemical formulae, what a compound is, how to write symbol formulae (Capital letter then lower case, if there's a second in the elements symbol).
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group

Assessment this half-term	6 mark in class question	6 mark in class question	6 mark in class question	w/b 9 th Jan – 8a Cells and movement test w/b 13 th Feb – 3a Energy Test	6 mark in class question	6 mark in class question
Career opportunities Employment Links	LIFE SKILLS: Understanding how different circuits work EMPLOYMENT: https://www.iop.org/careers-physics/your-future-with-physics/career-paths/chief-executive-officer	LIFE SKILLS: Understanding the periodic table EMPLOYMENT: Technician	LIFE SKILLS: Resilience EMPLOYMENT: Research scientist	LIFE SKILLS: Understanding how energy bills are calculated EMPLOYMENT: https://www.iop.org/careers-physics/your-future-with-physics/career-paths/section-leader	LIFE SKILLS: Resilience EMPLOYMENT: Research scientist	LIFE SKILLS: Understanding how metals react EMPLOYMENT: Technician
Employability Skills	Creativity Numeracy Leadership Independence Listening Communication Presenting Teamwork Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Independence Communication Teamwork Teamwork	Aiming high Creativity Numeracy Leadership Independence Listening Communication Presenting Teamwork Problem solving Staying positive
IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework
Week 22 (w/b 13th Feb)	A1 (DHN) Lesson 1: 2.1.2 Resistance	A1 (AEC) Lesson 1: 6.2.3 Metals & Acids	A1 (LS) Lesson 1: Test feedback	A2/A3/A4/B1/B2/B4 Lesson 1: 3a Energy Test Lesson 2: Feedback Lesson 3: Exemplars	B3 (JAD) Lesson 1: Test feedback	B3 (KMF) Lesson 1: 6.1.3 Indicators & pH Lesson 2: 6.1.4 Acid Strength
Key Words Level 2 Level 3	Identify, describe, explain Conductor, insulator, charge, flow, complete circuit, resistance, ohm, voltage, parallel, series,	Identify, describe, explain Reversible, irreversible, chemical, physical, element, compound, mixture, metal, non-metal, pH, strength, concentration/concentrate, dilute	Identify, describe, explain, compare, evaluate	Identify, describe, explain Diet, energy, joule, kilojoule, nutrient, atomic, chemical, elastic potential, gravitational potential, kinetic, conservation, nuclear, strain, thermal, transfer, biofuel, coal, electricity, fossil, fuel, renewable, non-renewable, oil, geothermal, hydroelectric, solar, wind turbine,	Identify, describe, explain, compare, evaluate	Identify, describe, explain Reversible, irreversible, chemical, physical, element, compound, mixture, metal, non-metal, pH, strength, concentration/concentrated, dilute, oxidation, alkali, displacement, reactive/reactivity, neutralisation, indicator
Common Misconceptions	Conductor, insulator, charge, flow, complete circuit, resistance, ohm, voltage, parallel, series, Batteries are a battery (not made of cells). Batteries and cells are the same. Earth write and the fuse are the same.	Be clear about what the subscripts mean in chemical formulae, what a compound is, how to write symbol formulae (Capital letter then lower case, if there's a second in the elements symbol).	Identified from assessment	Energy use increases as you get older (It doesn't it varies with age groups and activity levels). Things that are falling gain gravitational energy. Efficiency is a yes or no description rather than a calculation.	Identified from assessment	The indicator turns green – be clear about cause (and acid or alkali is present) and effect (the indicator changes colour)
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group
Assessment this half-term	6 mark in class question	6 mark in class question	6 mark in class question	w/b 9 th Jan – 8a Cells and movement test w/b 13 th Feb – 3a Energy Test	6 mark in class question	W/b 13 th Mar – 6a Reactions Test
Career opportunities Employment Links	LIFE SKILLS: Understanding circuits EMPLOYMENT: https://www.iop.org/careers-physics/your-future-with-physics/career-paths/chief-executive-officer	LIFE SKILLS: Understanding how metals react EMPLOYMENT: Technician	LIFE SKILLS: Resilience EMPLOYMENT: Research scientist	LIFE SKILLS: Resilience EMPLOYMENT: https://www.iop.org/careers- physics/your-future-with- physics/career-paths/section- leader	LIFE SKILLS: Resilience EMPLOYMENT: Research scientist	LIFE SKILLS: Understanding how to detect acids and alkalis EMPLOYMENT: Water board scientist
Employability Skills	Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communication	Aiming high Creativity Leadership Listening Aiming high Numeracy Independence Communication	Aiming high Creativity Leadership Listening Literacy Numeracy Independence Communication	Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communication	Aiming high Creativity Leadership Listening Literacy Numeracy Independence Communication	Aiming high Creativity Leadership Listening Communication

| | Presenting Teamwork |
|-----------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | Problem solving |
| | Staying positive |
| IT Skills | IT2: Kerboodle homework |

Spring 2			Ye	ar 7		
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)
Week 23 (w/b 27 th Feb)	Lesson 1: 2.1.2 Resistance	Lesson 1: 6.2.4 Metals & Oxygen	Lesson 1: 9.1.1 Food chains and food webs	Lesson 1: 6.2.1 More About Elements Lesson 2: 6.2.2 Chemical Reactions of Metals & Non-metals Lesson 3: 6.2.3 Metals & Acids	Lesson 1: 9.1.1 Food chains and food webs	Lesson 1: 6.1.5 Neutralisation Lesson 2: 6.1.6 Making Salts
Key Words Level 2 Level 3	Identify, describe, explain Conductor, insulator, charge, flow, complete circuit, resistance, ohm, voltage, parallel, series,	Identify, describe, explain Reversible, irreversible, chemical, physical, element, compound, mixture, metal, non-metal, pH, strength, concentration/concentrated, dilute, oxidation	Identify, describe, explain Energy, predator, prey, consumer, producer, respiration, excretion, herbivore, carnivore, omnivore	Identify, describe, explain Reversible, irreversible, chemical, physical, element, compound, mixture, metal, non-metal, pH, strength, concentration/concentrated, dilute, oxidation	Identify, describe, explain Energy, predator, prey, consumer, producer, respiration, excretion, herbivore, carnivore, omnivore	Identify, describe, explain Reversible, irreversible, chemical, physical, element, compound, mixture, metal, non-metal, pH, strength, concentration/concentrated, dilute, oxidation, alkali, displacement, reactive/reactivity, neutralisation, indicator
Common Misconceptions	Batteries are a battery (not made of cells). Batteries and cells are the same. Earth write and the fuse are the same.	Be clear about what the subscripts mean in chemical formulae, what a compound is, how to write symbol formulae (Capital letter then lower case, if there's a second in the elements symbol).	The direction of the arrows in the food chain and food web	Be clear about what the subscripts mean in chemical formulae, what a compound is, how to write symbol formulae (Capital letter then lower case, if there's a second in the elements symbol).	The direction of the arrows in the food chain and food web	The indicator turns green – be clear about cause (and acid or alkali is present) and effect (the indicator changes colour) Strong = fully dissociated, not concentrated
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group
Assessment this half-term	6 mark in class question	6 mark in class question	6 mark in class question	W/b 27 th Mar – 6a Reactions Test	6 mark in class question	W/b 6 th Mar – 6a Reactions Test
Career opportunities Employment Links	LIFE SKILLS: Appreciation of the dangers of electricity EMPLOYMENT: Electrician, electronic engineer, lighting engineer	LIFE SKILLS: Understanding why metals react EMPLOYMENT: Technician	LIFE SKILLS: Understanding the roles of predators and prey EMPLOYMENT: Ecologist, nature reserve warden	LIFE SKILLS: Understanding how metals react EMPLOYMENT: Technician	LIFE SKILLS: Understanding the roles of predators and prey EMPLOYMENT: Ecologist, nature reserve warden	LIFE SKILLS: Understanding how to neutralise substances EMPLOYMENT: Water board scientist
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork	n Listening Communication Presenting Teamwork Problem solving Staying positive	Presenting Teamwork Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork	Presenting Teamwork Problem solving Staying positive
IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)
Week 24 (w/b 6 th Mar)	Lesson 1: 2.1.3 Series and paralle circuits	Lesson 1: 6.2.5 Metals & Water	Lesson 1: 9.1.2 – Disruption to food chains and food webs	Lesson 1: 6.2.4 Metals & Oxygen Lesson 2: 6.2.5 Metals & Water Lesson 3: 6.2.6 Metal Displacement Reactions	Lesson 1: 9.1.2 – Disruption to food chains and food webs	Lesson 1: Section review Lesson 2: 6a Reactions Test

Key Words	Identify, describe, explain	Identify, describe, explain	Identify, describe, explain	Identify, describe, explain	Identify, describe, explain	Identify, describe, explain,
Level 3	Conductor, insulator, charge, flow, complete circuit, resistance, ohm, voltage, parallel, series,	Reversible, irreversible, chemical, physical, element, compound, mixture, metal, non-metal, pH, strength, concentration/concentrated, dilute, oxidation, alkali	Energy, predator, prey, consumer, producer, respiration, excretion, herbivore, carnivore, omnivore	Reversible, irreversible, chemical, physical, element, compound, mixture, metal, non-metal, pH, strength, concentration/concentrated, dilute, oxidation, alkali, displacement, reactive/reactivity	Energy, predator, prey, consumer, producer, respiration, excretion, herbivore, carnivore, omnivore	compare, evaluate
Common Misconceptions	Batteries are a battery (not made of cells). Batteries and cells are the same. Earth write and the fuse are the same.	Be clear about what the subscripts mean in chemical formulae, what a compound is, how to write symbol formulae (Capital letter then lower case, if there's a second in the elements symbol).	The direction of the arrows in the food chain and food web	Be clear about what the subscripts mean in chemical formulae, what a compound is, how to write symbol formulae (Capital letter then lower case, if there's a second in the elements symbol).	The direction of the arrows in the food chain and food web	
Assessment this	Kerboodle task suitable to ability of group 6 mark in class question	Kerboodle task suitable to ability of group 6 mark in class question	Kerboodle task suitable to ability of group. 6 mark in class question	Kerboodle task suitable to ability of group. W/b 27 th Mar – 6a Reactions Test	Kerboodle task suitable to ability of group. 6 mark in class question	Kerboodle task suitable to ability of group W/b 6 th Mar – 6a Reactions Test
half-term Career opportunities Employment Links	LIFE SKILLS: Appreciation of the dangers of electricity EMPLOYMENT: Electrician, electronic engineer, lighting engineer	LIFE SKILLS: Understanding which metals are safe in water EMPLOYMENT: Technician	LIFE SKILLS: Understanding the roles of predators and prey EMPLOYMENT: Ecologist, nature reserve warden	LIFE SKILLS: Understanding which metals are safe in water EMPLOYMENT: Technician	LIFE SKILLS: Understanding the roles of predators and prey EMPLOYMENT: Ecologist, nature reserve warden	LIFE SKILLS: Resilience EMPLOYMENT: Research scientist
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independenc Communication Teamwork Pramwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Listeracy Numeracy Independence Communication Teamwork Pramwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork	Aiming high Creativity Leadership Literacy Leadership Lidependence Listening Communication Presenting Teamwork Problem solving Staying positive
IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework
Week 25 (w/b 13 th Mar)	A1 (DHN) Lesson 1: 2.2.1 Current	A1 (AEC) Lesson 1: 6.2.6 Metal Displacement Reactions	A1 (LS) Lesson 1: 9.1.3 - Ecosystems	A2/A3/A4/B1/B2/B4 Lesson 1: 6.1.1 Chemical Reactions Lesson 2: 6.1.2 Acids & Alkalis Lesson 3: 6.1.3 Indicators & pH	B3 (JAD) Lesson 1: 9.1.3 - Ecosystems	B3 (KMF) Lesson 1: Exemplars Lesson 2: Feedback
Key Words Level 2 Level 3	Identify, describe, explain Conductor, insulator, charge, flow, complete circuit, resistance, ohm, voltage, parallel, series,	Identify, describe, explain Reversible, irreversible, chemical, physical, element, compound, mixture, metal, non-metal, pH, strength, concentration/concentrated, dilute, oxidation, alkali, displacement, reactive/reactivity	Identify, describe, explain Ecosystem, habitat, organism, species, predator, prey, quadrat, transect	Identify, describe, explain Reversible, irreversible, chemical, physical, element, compound, mixture, metal, non-metal, pH, strength, concentration/concentrated, dilute, oxidation, alkali, displacement, reactive/reactivity, neutralisation, indicator	Identify, describe, explain Ecosystem, habitat, organism, species, predator, prey, quadrat, transect	Identify, describe, explain, compare, evaluate
Common Misconceptions	Batteries are a battery (not made of cells). Batteries and cells are the same. Earth write and the fuse are the same.	Be clear about what the subscripts mean in chemical formulae, what a compound is, how to write symbol formulae (Capital letter then lower case, if there's a second in the elements symbol).	That the bigger animals/species are predators	The indicator turns green – be clear about cause (and acid or alkali is present) and effect (the indicator changes colour) Strong = fully dissociated, not concentrated	That the bigger animals/species are predators	Identified from assessment
Homework Assessment this	Kerboodle task suitable to ability of group 6 mark in class question	Kerboodle task suitable to ability of group 6 mark in class question	Kerboodle task suitable to ability of group. 6 mark in class question	Kerboodle task suitable to ability of group. W/b 27 th Mar – 6a Reactions Test	Kerboodle task suitable to ability of group. 6 mark in class question	Kerboodle task suitable to ability of group 6 mark in class question
Assessment this	o mark in class question	o mark in class question	U mark in class question	vv/D Z/ IVIdI — Da Reactions rest	o mark in class question	o mark in class question

Career opportunities Employment Links	LIFE SKILLS: Appreciation of the dangers of electricity EMPLOYMENT: Electrician, electronic engineer, lighting engineer	LIFE SKILLS: Understanding how metals react EMPLOYMENT: Technician	LIFE SKILLS: Understanding the relationships between organisms in an ecosystem EMPLOYMENT: Ecologist, animal behaviourist	LIFE SKILLS: Understanding the uses of acids and alkalis EMPLOYMENT: Water board scientist	LIFE SKILLS: Understanding the relationships between organisms in an ecosystem EMPLOYMENT: Ecologist, animal behaviourist	LIFE SKILLS: Resilience EMPLOYMENT: Research scientist
Employability Skills	Aiming high Creativity Numeracy Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Problem solving Staying positive	Aiming high Creativity Leadership Literacy Leadership Independence Listening Communication Presenting Teamwork Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Listeracy Numeracy Independence Communication Teamwork Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Listeracy Numeracy Independence Communication Teamwork Problem solving Staying positive	Aiming high Creativity Leadership Literacy Leadership Literacy Numeracy Independence Communication Presenting Presenting Problem solving Staying positive	Aiming high Creativity Numeracy Leadership Listening Presenting Problem solving Staying positive
IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework
Week 26 (w/b 20 th Mar)	A1 (DHN) Lesson 1: 2.2.1 Current	A1 (AEC) Lesson 1: 6.2.2 Chemical Reactions of Metals & Non-metals	A1 (LS) Lesson 1: 9.1.3 – Ecology practical	A2/A3/A4/B1/B2/B4 Lesson 1: 6.1.4 Acid Strength Lesson 2: 6.1.5 Neutralisation Lesson 3: 6.1.6 Making Salts	B3 (JAD) Lesson 1: 9.1.3 – Ecology practical	B3 (KMF) Lesson 1: 2.1.1 Potential difference - series Lesson 2: 2.1.1 Potential Difference - parallel
Key Words Level 2 Level 3	Identify, describe, explain Conductor, insulator, charge, flow, complete circuit, resistance, ohm, voltage, parallel, series,	Identify, describe, explain Reversible, irreversible, chemical, physical, element, compound, mixture, metal, non-metal, pH, strength, concentration/concentrated, dilute, oxidation, alkali, displacement, reactive/reactivity, neutralisation, indicator	Identify, describe, explain Ecosystem, habitat, organism, species, predator, prey, quadrat, transect, independent variable, dependent variable, control variable	Identify, describe, explain Reversible, irreversible, chemical, physical, element, compound, mixture, metal, non-metal, pH, strength, concentration/concentrated, dilute, oxidation, alkali, displacement, reactive/reactivity, neutralisation, indicator	Identify, describe, explain Ecosystem, habitat, organism, species, predator, prey, quadrat, transect, independent variable, dependent variable, control variable	Identify, describe, explain Conductor, insulator, charge, flow, complete circuit, resistance, ohm, voltage, parallel, series,
Common Misconceptions	Batteries are a battery (not made of cells). Batteries and cells are the same. Earth write and the fuse are the same.	Be clear about what the subscripts mean in chemical formulae, what a compound is, how to write symbol formulae (Capital letter then lower case, if there's a second in the elements symbol).	That the bigger animals/species are predators	The indicator turns green – be clear about cause (and acid or alkali is present) and effect (the indicator changes colour) Strong = fully dissociated, not concentrated	That the bigger animals/species are predators	Batteries are a battery (not made of cells). Batteries and cells are the same. Earth write and the fuse are the same.
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group
Assessment this half-term	6 mark in class question	6 mark in class question	6 mark in class question	W/b 27 th Mar – 6a Reactions Test	6 mark in class question	6 mark in class question
Career opportunities Employment Links	LIFE SKILLS: Appreciation of the dangers of electricity EMPLOYMENT: Electrician, electronic engineer, lighting engineer	LIFE SKILLS: Understanding how metals react EMPLOYMENT: Technician	LIFE SKILLS: Understanding the relationships between organisms in an ecosystem EMPLOYMENT: Ecologist, animal behaviourist	LIFE SKILLS: Understanding how to neutralise acids and alkalis EMPLOYMENT: Water board scientist	LIFE SKILLS: Understanding the relationships between organisms in an ecosystem EMPLOYMENT: Ecologist, animal behaviourist	LIFE SKILLS: Understanding voltage EMPLOYMENT: https://www.iop.org/careers- physics/your-future-with- physics/career-paths/chief- executive-officer
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Preamwork	Aiming high Creativity Leadership Literacy Leadership Independence Listening Presenting Presenting Teamwork Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork	Aiming high Creativity Leadership Literacy Numeracy Leadership Independence Listening Communication Presenting Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Listeracy Numeracy Independence Communication Teamwork Teamwork
IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)

I a=	1 2 2 2 2 3	4 6 4 2 4 1 1 1 1 1	1 2 2 2 5 1 11	1.55	1 0 4 0 5 1 "	1 2 4 2 5
Week 27	Lesson 1: 2.2.2 Charging up	Lesson 1: 6.1.2 Acids and Alkalis	Lesson 1: 9.1.3 Ecology write up	Lesson 1: 6a Reactions Test	Lesson 1: 9.1.3 Ecology write up	Lesson 1: 2.1.2 Resistance
(w/b 27 th Mar)				Lesson 2: Feedback/Exemplars		Lesson 2: 2.1.3 Series and parallel
				Lesson 3: Feedback/Exemplars		circuits
Key Words	Identify, describe, explain	Identify, describe, explain	Identify, describe, explain	Identify, describe, explain	Identify, describe, explain	Identify, describe, explain
Level 2	Conductor, insulator, charge, flow,	Reversible, irreversible, chemical,	Ecosystem, habitat, organism,		Ecosystem, habitat, organism,	Conductor, insulator, charge, flow,
Level 3	complete circuit, resistance, ohm,	physical, element, compound,	species, predator, prey, quadrat,		species, predator, prey, quadrat,	complete circuit, resistance, ohm,
	voltage, parallel, series,	mixture, metal, non-metal, pH,	transect, independent variable,		transect, independent variable,	voltage, parallel, series,
		strength,	dependent variable, control		dependent variable, control	
		concentration/concentrated,	<mark>variable</mark>		<mark>variable</mark>	
		dilute, oxidation, alkali,				
		displacement, reactive/reactivity,				
		neutralisation, indicator				
Common	Electrons aren't transferred on their	Be clear about what the subscripts	That the bigger animals/species		That the bigger animals/species	Batteries are a battery (not made of
Misconceptions	own when statically charging an	mean in chemical formulae, what	are predators		are predators	cells).
	object.	a compound is, how to write				Batteries and cells are the same.
		symbol formulae (Capital letter				Earth write and the fuse are the
		then lower case, if there's a				same.
		second in the elements symbol).				
Homework	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability
	of group	of group	of group.	of group.	of group.	of group
Assessment this	6 mark in class question	6 mark in class question	6 mark in class question	W/b 27 th Mar – 6a Reactions Test	6 mark in class question	6 mark in class question
half-term						
Career	LIFE SKILLS: Appreciation of the	LIFE SKILLS: Understanding the	LIFE SKILLS: Understanding the	LIFE SKILLS: Resilience and	LIFE SKILLS: Understanding the	LIFE SKILLS: Appreciation of the
opportunities	dangers of electricity	uses of acids and alkalis in the	relationships between organisms	organisation	relationships between organisms	dangers of electricity
Employment Links		home	in an ecosystem	EMPLOYMENT: Research scientist	in an ecosystem	EMPLOYMENT: Electrician, electronic
	EMPLOYMENT: Electrician, electronic	EMPLOYMENT: Water board	EMPLOYMENT: Ecologist, animal		EMPLOYMENT: Ecologist, animal	engineer, lighting engineer
	engineer, lighting engineer	scientist	behaviourist		behaviourist	
Employability Skills	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy
	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy
	Leadership Independence	Leadership Independence	Leadership Independence	Leadership Independence	Leadership Independence	Leadership Independence
	Listening Communication	Listening Communication	Listening Communication	Listening Communication	Listening Communication	Listening Communication
	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork
	Problem solving	Problem solving	Problem solving	Problem solving	Problem solving	Problem solving
IT Chille	Staying positive	Staying positive	Staying positive	Staying positive	Staying positive	Staying positive
IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework

Summer 1	Year 7							
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)		
Week 28 (w/b 17 th Apr)	Lesson 1: 2.2.2 Charging up	Lesson 1: 6.1.3 Indicators & pH	Lesson 1: 9.1.4 - Competition	Lesson 1: 9.1.1 Food chains and food webs Lesson 2: 9.1.2 – Disruption to food chains and food webs Lesson 3: 9.1.3 - Ecosystems	Lesson 1: 9.1.4 - Competition	Lesson 1: 2.2.1 Current Lesson 2: 2.2.1 Current		
Key Words Level 2 Level 3	Identify, describe, explain Conductor, insulator, charge, flow, complete circuit, resistance, ohm, voltage, parallel, series,	Identify, describe, explain Reversible, irreversible, chemical, physical, element, compound, mixture, metal, non-metal, pH, strength, concentration/concentrated, dilute, oxidation, alkali, displacement, reactive/reactivity, neutralisation, indicator	Identify, describe, explain Energy, predator, prey, consumer, producer, respiration, excretion, herbivore, carnivore, omnivore	Identify, describe, explain Energy, predator, prey, consumer, producer, respiration, excretion, herbivore, carnivore, omnivore	Identify, describe, explain Energy, predator, prey, consumer, producer, respiration, excretion, herbivore, carnivore, omnivore	Identify, describe, explain Conductor, insulator, charge, flow, complete circuit, resistance, ohm, voltage, parallel, series,		
Common Misconceptions	Batteries are a battery (not made of cells).	The indicator turns green – be clear about cause (and acid or	Animals only compete for food and plants only compete for light	The direction of the arrows in the food chain and food web	Animals only compete for food and plants only compete for light	Batteries are a battery (not made of cells).		

	Batteries and cells are the same. Earth write and the fuse are the same.	alkali is present) and effect (the indicator changes colour)				Batteries and cells are the same. Earth write and the fuse are the same.
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.
Assessment this half-term	w/b 2 nd May - 2a Electromagnets Test	W/b 15 th May – 6a Reactions Test	w/b 15 th May – 10b Ecosystems test	w/b 8 th May – 10b Ecosystems test	w/b 15 th May – 10b Ecosystems test	w/b 8 th May – 2a Electromagnets Test
Career opportunities Employment Links	LIFE SKILLS: Appreciation of the dangers of electricity EMPLOYMENT: Electrician, electronic engineer, lighting engineer	LIFE SKILLS: Understanding how to detect acids and alkalis EMPLOYMENT: Water board scientist	LIFE SKILLS: Understanding how to create optimum growth conditions EMPLOYMENT: Horticulture, agriculture, farming, forestry	LIFE SKILLS: Understanding the roles of predators and prey EMPLOYMENT: Ecologist, nature reserve warden	LIFE SKILLS: Understanding how to create optimum growth conditions EMPLOYMENT: Horticulture, agriculture, farming, forestry	LIFE SKILLS: Appreciation of the dangers of electricity EMPLOYMENT: Electrician, electronic engineer, lighting engineer
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Literacy Numeracy Independence Communication Teamwork Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Framwork Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Literacy Numeracy Independence Communication Teamwork Staying positive
IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework
	A4 (DUAL)	44 (450)	L 4.4 (1.6)	A 2 / A 2 / A 4 / D 4 / D 2 / D 4	D2 (IAD)	D2 (VA 45)
Week 29 (w/b 24 th Apr)	A1 (DHN) Lesson 1: 2.2.2 Charging up	A1 (AEC) Lesson 1: 6.1.4 Acid Strength	A1 (LS) Lesson 1: 9.2.1 – Flowers and pollination	A2/A3/A4/B1/B2/B4 Lesson 1: 9.1.3 – Ecology practical Lesson 2: 9.1.3 – Ecology practical Lesson 3: 9.1.4 - Competition	B3 (JAD) Lesson 1: 9.2.1 – Flowers and pollination	B3 (KMF) Lesson 1: 2.2.2 Charging up Lesson 2: 2.2.2 Charging up
Key Words Level 2 Level 3	Identify, describe, explain Conductor, insulator, charge, flow, complete circuit, resistance, ohm, voltage, parallel, series,	Identify, describe, explain Reversible, irreversible, chemical, physical, element, compound, mixture, metal, non-metal, pH, strength, concentration/concentrated, dilute, oxidation, alkali, displacement, reactive/reactivity, neutralisation, indicator	Identify, describe, explain Stigma, anther, pollination, pollen, pollinator, germination	Identify, describe, explain Ecosystem, habitat, organism, species, predator, prey, quadrat, transect, independent variable, dependent variable, control variable	Identify, describe, explain Stigma, anther, pollination, pollen, pollinator, germination	Identify, describe, explain Conductor, insulator, charge, flow, complete circuit, resistance, ohm, voltage, parallel, series,
Common Misconceptions	Batteries are a battery (not made of cells). Batteries and cells are the same. Earth write and the fuse are the same.	The indicator turns green – be clear about cause (and acid or alkali is present) and effect (the indicator changes colour) Strong = fully dissociated, not concentrated	That plants don't reproduce sexually	That the bigger animals/species are predators	That plants don't reproduce sexually	Batteries are a battery (not made of cells). Batteries and cells are the same. Earth write and the fuse are the same.
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.
Assessment this half-term	w/b 2 nd May - 2a Electromagnets Test	W/b 15 th May – 6a Reactions Test	w/b 15 th May – 10b Ecosystems test	w/b 8 th May – 10b Ecosystems test	w/b 15 th May – 10b Ecosystems test	w/b 8 th May – 2a Electromagnets Test
Career opportunities Employment Links	LIFE SKILLS: Appreciation of the dangers of electricity EMPLOYMENT: Electrician, electronic engineer, lighting engineer	LIFE SKILLS: Understanding how indicators work EMPLOYMENT: Water board scientist	LIFE SKILLS: Understanding the importance of bees EMPLOYMENT: Florist, beekeeper	LIFE SKILLS: Understanding the relationships between organisms in an ecosystem EMPLOYMENT: Ecologist, animal behaviourist	LIFE SKILLS: Understanding the importance of bees EMPLOYMENT: Florist, beekeeper	LIFE SKILLS: Appreciation of the dangers of electricity EMPLOYMENT: Electrician, electronic engineer, lighting engineer
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Literacy Numeracy Independence Communication Teamwork Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Literacy Numeracy Independence Communication Teamwork Staying positive

IT Skills	IT2: Kerboodle homework IT2: Kerboodle homework IT2: Kerbood		IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework		
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)		
Week 30 (w/b Tues 2 nd May)	Lesson 1: 2a Electromagnets Test			Lesson 1: 9.2.1 – Flowers and pollination Lesson 2: 9.2.2 – Fertilisation and germination Lesson 3: 9.2.3 – Seed dispersal	Lesson 1: 9.2.2 – Fertilisation and germination	Lesson 1: 2.2.2 Charging up Lesson 2: 2.2.2 Charging up		
Key Words Level 2 Level 3	Identify, describe, explain Conductor, insulator, charge, flow, complete circuit, resistance, ohm, voltage, parallel, series,	Identify, describe, explain Reversible, irreversible, chemical, physical, element, compound, mixture, metal, non-metal, pH, strength, concentration/concentrated, dilute, oxidation, alkali, displacement, reactive/reactivity, neutralisation, indicator	Identify, describe, explain Stigma, anther, pollination, pollen, pollinator, germination	Identify, describe, explain Stigma, anther, pollination, pollen, pollinator, germination	Identify, describe, explain Stigma, anther, pollination, pollen, pollinator, germination	Identify, describe, explain Conductor, insulator, charge, flow, complete circuit, resistance, ohm, voltage, parallel, series,		
Common Misconceptions	Identified in assessment			1	Batteries are a battery (not made of cells). Batteries and cells are the same. Earth write and the fuse are the same.			
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability		
Assessment this	w/b 2 nd May - 2a Electromagnets	W/b 15 th May – 6a Reactions Test	w/b 15 th May – 10b Ecosystems	w/b 8 th May – 10b Ecosystems test	w/b 15 th May – 10b Ecosystems	of group. w/b 8 th May – 2a Electromagnets		
half-term	Test	,	test	, ,	test	Test		
Career opportunities Employment Links	LIFE SKILLS: Resilience EMPLOYMENT: Research scientist	LIFE SKILLS: Understanding how to neutralise substances EMPLOYMENT: Water board scientist	LIFE SKILLS: Understanding the importance of bees EMPLOYMENT: Florist, beekeeper	LIFE SKILLS: Understanding the importance of bees EMPLOYMENT: Florist, beekeeper	LIFE SKILLS: Understanding the importance of bees EMPLOYMENT: Florist, beekeeper	LIFE SKILLS: Appreciation of the dangers of electricity EMPLOYMENT: Electrician, electronic engineer, lighting engineer		
Employability Skills IT Skills	Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communication Presenting Teamwork Problem solving Staying positive IT2: Kerboodle homework	Aiming high Creativity Numeracy Leadership Listening Communication Presenting Problem solving Staying positive IT2: Kerboodle homework	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork IT2: Kerboodle homework	Aiming high Creativity Numeracy Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork IT2: Kerboodle homework	Aiming high Creativity Numeracy Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork IT2: Kerboodle homework	Aiming high Creativity Numeracy Leadership Listening Presenting Problem solving IT2: Kerboodle homework Literacy Numeracy Independence Communication Teamwork Staying positive		
TT SKIIIS								
Week 31 (w/b 8 th May)	A1 (DHN) Lesson 1: Feedback	A1 (AEC) Lesson 1: 6.1.6 Making Salts	A1 (LS) Lesson 1: 9.2.3 – Seed dispersal	A2/A3/A4/B1/B2/B4 Lesson 1: Test Lesson 2: Exemplars	B3 (JAD) Lesson 1: 9.2.3 – Seed dispersal	B3 (KMF) Lesson 1: Section review Lesson 2: 2a Electromagnets Test		
Key Words Level 2 Level 3	Identify, describe, explain Conductor, insulator, charge, flow, complete circuit, resistance, ohm, voltage, parallel, series,	Identify, describe, explain Reversible, irreversible, chemical, physical, element, compound, mixture, metal, non-metal, pH, strength, concentration/concentrated, dilute, oxidation, alkali, displacement, reactive/reactivity, neutralisation, indicator	Identify, describe, explain Stigma, anther, pollination, pollen, pollinator, germination	Lesson 3: Feedback Identify, describe, explain, compare, evaluate Energy, predator, prey, consumer, producer, respiration, excretion, herbivore, carnivore, omnivore, stigma, anther, pollination, pollen, pollinator, germination	Identify, describe, explain Stigma, anther, pollination, pollen, pollinator, germination	Identify, describe, explain Conductor, insulator, charge, flow, complete circuit, resistance, ohm, voltage, parallel, series,		
Common Misconceptions	Identified in assessment	The indicator turns green – be clear about cause (and acid or	That seeds only disperse in the wind	Identified in assessment	That seeds only disperse in the wind	Identified from assessment		

		I II II I I I I I I I I I I I I I I I	T	1	T	I	
		alkali is present) and effect (the					
		indicator changes colour)					
		Strong - fully dissociated not					
		Strong = fully dissociated, not concentrated					
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	
Assessment this half-term	6 mark in class question	W/b 15 th May – 6a Reactions Test	w/b 15 th May – 10b Ecosystems test	w/b 8 th May – 10b Ecosystems test	w/b 15 th May – 10b Ecosystems test	w/b 8 th May – 2a Electromagnets Test	
Career	LIFE SKILLS: Appreciation of the	LIFE SKILLS: Understanding how to	LIFE SKILLS: Understanding the	LIFE SKILLS: Resilience	LIFE SKILLS: Understanding the	LIFE SKILLS: Appreciation of the	
opportunities	dangers of electricity EMPLOYMENT: Electrician, electronic	make and name salts	importance of bees	EMPLOYMENT: Research scientist	importance of bees	dangers of electricity EMPLOYMENT: Electrician, electronic	
Employment Links	engineer, lighting engineer	EMPLOYMENT: Water board	EMPLOYMENT: Florist, beekeeper		EMPLOYMENT: Florist, beekeeper	engineer, lighting engineer	
Francis rability Chille		scientist Literacy	Aiming high	Aiming high	Aiming high		
Employability Skills	Aiming high Literacy Creativity Numeracy	Aiming high Literacy Creativity Numeracy	Aiming high Literacy Creativity Numeracy	Aiming high Literacy Creativity Numeracy	Aiming high Literacy Creativity Numeracy	Aiming high Literacy Creativity Numeracy	
	Leadership Independence	Leadership Independence	Leadership Independence	Leadership Independence	Leadership Independence	Leadership Independence	
	Listening Communication	Listening Communication	Listening Communication	Listening Communication	Listening Communication	Listening Communication	
	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork	
	Problem solving	Problem solving	Problem solving	Problem solving	Problem solving	Problem solving	
IT CLUIL	Staying positive	Staying positive	Staying positive	Staying positive	Staying positive	Staying positive	
IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)	
Week 32	Lesson 1: Exemplars	Lesson 1: 6a Reactions Test	Lesson 1: Test	Lesson 1: 2.1.1 - series	Lesson 1: Test	Lesson 1: Exemplars	
(w/b 15 th May)				Lesson 2: 2.1.1 Potential		Lesson 2: Feedback	
, , , , , , , , , , , , , , , , , , , ,				difference - parallel			
				Lesson 3: 2.1.2 Resistance			
Key Words	Identify, describe, explain	Identify, describe, explain,	Identify, describe, explain,	Identify, describe, explain	Identify, describe, explain,	Identify, describe, explain	
Level 2	Conductor, insulator, charge, flow,	compare, evaluate	compare, evaluate	Conductor, insulator, charge, flow,	compare, evaluate	Conductor, insulator, charge, flow,	
Level 3	complete circuit, resistance, ohm,	tage, parallel, series, physical, element, compound,		complete circuit, resistance, ohm,	Energy, predator, prey, consumer,	complete circuit, resistance, ohm,	
	voltage, parallel, series,			voltage, parallel, series,	producer, respiration, excretion,	voltage, parallel, series,	
		mixture, metal, non-metal, pH,	herbivore, carnivore, omnivore,		herbivore, carnivore, omnivore,		
		strength,	stigma, anther, pollination, pollen,		stigma, anther, pollination, pollen,		
		concentration/concentrated,	pollinator, germination		pollinator, germination		
		dilute, oxidation, alkali,					
		displacement, reactive/reactivity, neutralisation, indicator					
Common	Identified in assessment	Identified in assessment	Identified in assessment	Batteries are a battery (not made of	Identified in assessment	Identified in assessment	
Misconceptions				cells).			
				Batteries and cells are the same.			
				Earth write and the fuse are the			
				same.			
Homework	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	
Assassment this	of group	of group	of group.	of group.	of group.	of group	
Assessment this half-term	6 mark in class question	W/b 15 th May – 6a Reactions Test	w/b 15 th May – 10b Ecosystems test	6 mark in class question	w/b 15 th May – 10b Ecosystems test	6 mark in class question	
Career	LIFE SKILLS: Appreciation of the	LIFE SKILLS: Resilience	LIFE SKILLS: Resilience	LIFE SKILLS: Appreciation of the	LIFE SKILLS: Resilience	LIFE SKILLS: Appreciation of the	
opportunities	dangers of electricity	EMPLOYMENT: Research scientist	EMPLOYMENT: Research scientist	dangers of electricity	EMPLOYMENT: Research scientist	dangers of electricity	
Employment Links	EMPLOYMENT: Electrician, electronic			EMPLOYMENT: Electrician, electronic		EMPLOYMENT: Electrician, electronic	
	engineer, lighting engineer			engineer, lighting engineer		engineer, lighting engineer	
Employability Skills	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	
	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy Leadership Independence	Creativity Numeracy	Creativity Numeracy	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Landarchia Indonondoneo	Leadership Independence	Leadership Independence	Leadership Independence	
	Leadership Independence	Leadership Independence	Leadership Independence				
	Listening Communication	Listening Communication	Listening Communication	Listening Communication	Listening Communication	Listening Communication	
		· · · · · · · · · · · · · · · · · · ·					

IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework		
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)		
Week 33 (w/b 22 nd May)	Lesson 1: Revision	Lesson 1: Feedback/Exemplars	Lesson 1: Exemplars	Lesson 1: 2.1.2 Resistance Lesson 2: 2.1.3 Series and parallel circuits Lesson 3: 2.1.3 Series and parallel circuits	Lesson 1: Exemplars	Lesson 1: <u>Revision</u> – Particle Theory Lesson 2: <u>Revision</u> – Particle Theory		
Key Words Level 2 Level 3	Identify, describe, explain	Identify, describe, explain, compare, evaluate Reversible, irreversible, chemical, physical, element, compound, mixture, metal, non-metal, pH, strength, concentration/concentrated, dilute, oxidation, alkali, displacement, reactive/reactivity, neutralisation, indicator	Identify, describe, explain, compare, evaluate Energy, predator, prey, consumer, producer, respiration, excretion, herbivore, carnivore, omnivore, stigma, anther, pollination, pollen, pollinator, germination	Identify, describe, explain Conductor, insulator, charge, flow, complete circuit, resistance, ohm, voltage, parallel, series,	Identify, describe, explain, compare, evaluate Energy, predator, prey, consumer, producer, respiration, excretion, herbivore, carnivore, omnivore, stigma, anther, pollination, pollen, pollinator, germination	Identify, describe, explain		
Common Misconceptions	Identified from active questioning	Identified in assessment	Identified in assessment	Batteries are a battery (not made of cells). Batteries and cells are the same. Earth write and the fuse are the same.	Identified in assessment	Identified from active questioning		
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group		
Assessment this half-term	6 mark in class question	6 mark in class question	6 mark in class question	6 mark in class question	6 mark in class question	6 mark in class question		
Career opportunities Employment Links	LIFE SKILLS: Resilience EMPLOYMENT: Research scientist			LIFE SKILLS: Resilience EMPLOYMENT: Research scientist EMPLOYMENT: Research scientist EMPLOYMENT: Electrician, electronic engineer, lighting engineer		LIFE SKILLS: Resilience EMPLOYMENT: Research scientist		
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Aiming high Creativity Numeracy Leadership Independence Listening Presenting Teamwork Problem solving Staying positive		
IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework		

Summer 2	2 Year 7								
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)			
Week 34 (w/b 5 th Jun)	Lesson 1: Test/Revision/Feedback Lesson 1: Feedback/Exemplars		Lesson 1: Revise section 8.1	Lesson 1: 2.2.1 Current Lesson 2: 2.2.1 Current – series and parallel Lesson 3: 2.2.1 Current – series and parallel	Lesson 1: Revise section 8.1	Lesson 1: <u>Revision</u> - Separations Lesson 2: <u>Revision</u> - Separations			
Key Words	Identify, describe, explain,	Identify, describe, explain,	Identify, describe, explain,	Identify, describe, explain,	Identify, describe, explain,	Identify, describe, explain,			
Level 2	compare, evaluate	compare, evaluate	compare, evaluate	compare, evaluate	compare, evaluate	compare, evaluate			
Level 3	Subject specific keywords taken	Subject specific keywords taken	Subject specific keywords taken	Conductor, insulator, charge, flow,	Subject specific keywords taken	Subject specific keywords taken			
	from unit in HT1-5 plans	from unit in HT1-5 plans	from unit in HT1-5 plans	complete circuit, resistance, ohm, voltage, parallel, series,	from unit in HT1-5 plans	from unit in HT1-5 plans			
Common Misconceptions	Identified in active questioning	Identified in active questioning	Identified in active questioning	Batteries are a battery (not made of cells). Batteries and cells are the same.	Identified in active questioning	Identified in active questioning			

				Earth write and the fuse are the same.			
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group	
Assessment this half-term	w/b 3 rd Jul – End of Yea	· ·	a Electromagnets Test	w/b 3 rd Jul – End of Year Test	w/b 3 rd Jul – End	· · ·	
Career opportunities Employment Links	LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher	LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher	LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher	LIFE SKILLS: Appreciation of the dangers of electricity EMPLOYMENT: Electrician, electronic engineer, lighting engineer	LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher	LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher	
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Listeracy Numeracy Independence Communication Teamwork Teamwork	Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communication Presenting Teamwork Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Listeracy Numeracy Independence Communication Teamwork Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Listeracy Numeracy Independence Communication Teamwork Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communication Presenting Teamwork Problem solving Staying positive	
IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A2/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)	
Week 35 (w/b 12 th Jun)	Lesson 1: Test/Revision/Feedback	Lesson 1: <u>Revision</u> – Particle Theory	Lesson 1: Revise section 8.2	A2/A3/A4/B1/B2/B4 1: Revise section 8.2 Lesson 1: 2.2.2 Charging up Lesson 2: 2.2.2 Charging up Lesson 3: 2.2.2 Charging up		Lesson 1: <u>Revision</u> – Metals and Non-metals Lesson 2: <u>Revision</u> – Metals and Non-metals	
Key Words Level 2 Level 3	Identify, describe, explain, compare, evaluate Subject specific keywords taken from unit in HT1-5 plans	Identify, describe, explain, compare, evaluate Subject specific keywords taken from unit in HT1-5 plans	Identify, describe, explain, compare, evaluate Subject specific keywords taken from unit in HT1-5 plans	Identify, describe, explain, compare, evaluate Conductor, insulator, charge, flow, complete circuit, resistance, ohm, voltage, parallel, series,	Identify, describe, explain, compare, evaluate Subject specific keywords taken from unit in HT1-5 plans	Identify, describe, explain, compare, evaluate Subject specific keywords taken from unit in HT1-5 plans	
Common Misconceptions	Identified in active questioning	Identified in active questioning	Identified in active questioning	Batteries are a battery (not made of cells). Batteries and cells are the same. Earth write and the fuse are the same.	Identified in active questioning	Identified in active questioning	
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group	
Assessment this		nd of Year Test	w/b 19 th June – 2a Electromagnets			nd of Year Test	
half-term		Luss cours p. d.	LUES COMME DE LUI	Tues cours a contract	1155 01411 0 0 111	Luce cours of the	
Career opportunities Employment Links	LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher	LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher	LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher	LIFE SKILLS: Appreciation of the dangers of electricity EMPLOYMENT: Electrician, electronic engineer, lighting engineer	LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher	LIFE SKILLS: Resilience & organisation t, EMPLOYMENT: Research scientist, science teacher	
Employability Skills	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Pramwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Listeracy Numeracy Independence Communication Teamwork Pramwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Problem solving Staying positive	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Teamwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Pramwork	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork Pramwork	
IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	
	44 (DUN)	44 (450)	44 (15)	A2/A2/A4/D4/D2/D4	P2 (IAP)	D2 (VA 45)	
Week 36 (w/b 19 th Jun)	A1 (DHN) Lesson 1: Test/Revision/Feedback	A1 (AEC) Lesson 1: Revision - Separations	A1 (LS) Lesson 1: Revise section 9.1	A2/A3/A4/B1/B2/B4 Lesson 1: 2a Electromagnets Test Lesson 2: Feedback Lesson 3: Exemplars	B3 (JAD) Lesson 1: Revise section 9.1	B3 (KMF) Lesson 1: <u>Revision</u> – 7.1/7.2 Lesson 2: <u>Revision</u> – 7.3/7.4	

Key Words	Identify, describe, explain,	Identify, describe, explain,	Identify, describe, explain,	Identify, describe, explain,	Identify, describe, explain,	Identify, describe, explain,		
Level 2	compare, evaluate	compare, evaluate	compare, evaluate	compare, evaluate	compare, evaluate	compare, evaluate		
Level 3	Subject specific keywords taken	Subject specific keywords taken	Subject specific keywords taken	Subject specific keywords	Subject specific keywords taken	Subject specific keywords taken		
	from unit in HT1-5 plans	from unit in HT1-5 plans	from unit in HT1-5 plans	Identified from assessment	from unit in HT1-5 plans Identified in active questioning	from unit in HT1-5 plans		
Common	Identified in active questioning	Identified in active questioning	Identified in active questioning	Identified in active questioning				
Misconceptions	Karbaadla task suitabla ta abilitu	Vorboodle tack suitable to ability	Karbaadla task suitabla ta abilitu	Karbaadla task suitabla ta ability				
Homework	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability		
Assessment this	of group	of group nd of Year Test	of group. w/b 19 th June – 2a Electromagnets T	of group.	of group.	of group nd of Year Test		
half-term	W/D3 Jul-L	ilu di Teal Test	w/b 13 Julie – Za Electromagnets i	i est	W/D 3 Jul – L	ilu di Teal Test		
Career	LIFE SKILLS: Resilience &	LIFE SKILLS: Resilience &	LIFE SKILLS: Resilience &	LIFE SKILLS: Appreciation of the	LIFE SKILLS: Resilience &	LIFE SKILLS: Resilience &		
opportunities	organisation	organisation	organisation	dangers of electricity	organisation	organisation		
Employment Links	EMPLOYMENT: Research scientist,	EMPLOYMENT: Research scientist,	EMPLOYMENT: Research scientist,	EMPLOYMENT: Electrician, electronic	EMPLOYMENT: Research scientist,	EMPLOYMENT: Research scientist,		
	science teacher	science teacher	science teacher	engineer, lighting engineer	science teacher	science teacher		
Employability Skills	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy		
	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy		
	Leadership Independence	Leadership Independence	Leadership Independence	Leadership Independence	Leadership Independence	Leadership Independence		
	Listening Communication	Listening Communication	Listening Communication	Listening Communication	Listening Communication	Listening Communication		
	Presenting Teamwork Problem solving	Presenting Teamwork Problem solving	Presenting Teamwork Problem solving	Presenting Teamwork Problem solving	Presenting Teamwork Problem solving	Presenting Teamwork Problem solving		
	Staying positive	Staying positive	Staying positive	Staying positive	Staying positive	Staying positive		
IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework		
11 Skills	112. Kerboddie Homework	112. Kerboodie Homework	112. Kerboodie nomework	112. Refoodic fiornework	112. Refoodle fioritework	112. Refboodie flottlework		
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)		
Week 37	Lesson 1: Test/ Revision /Feedback	Lesson 1: Revision – Metals and	Lesson 1: Revise section 9.2	Lesson 1: Revision biology units	Lesson 1: Revise section 9.2	Lesson 1: Revision – 7.5		
(w/b 26 th Jun)	1. 1630 <u>1. 1630 1. 16</u>	Non-metals	Lesson 1. Nevise section 5.2	Lesson 2: Revision biology units	Lesson 1. Nevise section 5.2	Lesson 2: <u>Revision</u> – 7.6		
(11) 5 20 5011)		Tron metals		Lesson 3: Revision chemistry				
				units				
Key Words	Identify, describe, explain,	Identify, describe, explain,	Identify, describe, explain,	Identify, describe, explain,	Identify, describe, explain,	Identify, describe, explain,		
Level 2	compare, evaluate	compare, evaluate	compare, evaluate	compare, evaluate	compare, evaluate	compare, evaluate		
Level 3	Subject specific keywords taken	Subject specific keywords taken	Subject specific keywords taken	Subject specific keywords taken	Subject specific keywords taken	Subject specific keywords taken		
	from unit in HT1-5 plans	from unit in HT1-5 plans	from unit in HT1-5 plans	from unit in HT1-5 plans	from unit in HT1-5 plans	from unit in HT1-5 plans		
Common	Identified in active questioning	Identified in active questioning	Identified in active questioning	Identified in active questioning	Identified in active questioning	Identified in active questioning		
Misconceptions								
Homework	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability	Kerboodle task suitable to ability		
	of group	of group	of group.	of group.	of group.	of group		
Assessment this	W/b 3 rd Jul – E	nd of Year Test	w/b 10 th Jul – End of Year Test		w/b 3 rd Jul – E	nd of Year Test		
half-term				T				
Career	LIFE SKILLS: Resilience &	LIFE SKILLS: Resilience &	LIFE SKILLS: Resilience &	LIFE SKILLS: Resilience &	LIFE SKILLS: Resilience &	LIFE SKILLS:		
opportunities	organisation	organisation	organisation	organisation	organisation	EMPLOYMENT:		
Employment Links	EMPLOYMENT: Research scientist,	EMPLOYMENT: Research scientist,	EMPLOYMENT: Research scientist,	EMPLOYMENT: Research scientist,	EMPLOYMENT: Research scientist,			
English days of the	science teacher	science teacher	science teacher	science teacher	science teacher	Aireign high		
Employability Skills	Aiming high Literacy Creativity Numeracy	Aiming high Literacy Creativity Numeracy	Aiming high Literacy Creativity Numeracy	Aiming high Literacy Creativity Numeracy	Aiming high Literacy Creativity Numeracy	Aiming high Literacy Creativity Numeracy		
	Leadership Independence	Leadership Independence	Leadership Independence	Leadership Independence	Leadership Independence	Leadership Independence		
	Listening Communication	Listening Communication	Listening Communication	Listening Communication	Listening Communication	Listening Communication		
	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork	Presenting Teamwork		
	Problem solving	Problem solving	Problem solving	Problem solving	Problem solving	Problem solving		
	Staying positive	Staying positive	Staying positive	Staying positive	Staying positive	Staying positive		
IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework		
Notes/developme								
nts								
/standardisation								
comments								
	A4 (DUN)	44 (450)	A4 (LC)	A2/A2/A4/D4/D2/D4	B2 (IAB)	D2 (VA 45)		
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)		

Week 38 (w/b 3 rd July)	Lesson 1: End of year test	Lesson 1: End of year test	Lesson 1: End of year test	Lesson 1: <u>Revision</u> chemistry units Lesson 2: <u>Revision</u> physics units Lesson 3: <u>Revision</u> physics units	Lesson 1: End of year test	Lesson 1: End of year test Lesson 2: Exemplars	
Key Words Level 2 Level 3	Identify, describe, explain, compare, evaluate Subject specific keywords taken from unit in HT1-5 plans	Identify, describe, explain, compare, evaluate Subject specific keywords taken from unit in HT1-5 plans	Identify, describe, explain, compare, evaluate Subject specific keywords taken from unit in HT1-5 plans	Identify, describe, explain, compare, evaluate Subject specific keywords taken from unit in HT1-5 plans	Identify, describe, explain, compare, evaluate Subject specific keywords taken from unit in HT1-5 plans	Identify, describe, explain, compare, evaluate Subject specific keywords taken from unit in HT1-5 plans	
Common Misconceptions	Identified from assessment	Identified from assessment	Identified from assessment	Identified in from test	Identified from assessment	Identified from assessment	
Homework	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group.	Kerboodle task suitable to ability of group	
Assessment this half-term	W/b 3 rd Jul	– End of Year Test	w/b 10 th Jul – End of Year Test			nd of Year Test	
Career	LIFE SKILLS: Resilience &	LIFE SKILLS: Resilience &	LIFE SKILLS: Resilience &	LIFE SKILLS: Resilience &	LIFE SKILLS: Resilience &	LIFE SKILLS: Resilience &	
opportunities	organisation	organisation	organisation	organisation	organisation	organisation	
Employment Links	EMPLOYMENT: Research scienti science teacher	t, EMPLOYMENT: Research scientist, science teacher	EMPLOYMENT: Research scientist, science teacher	EMPLOYMENT: Research scientist, science teacher	EMPLOYMENT: Research scientist, science teacher	EMPLOYMENT: Research scientist, science teacher	
Employability Skills	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	Aiming high Literacy	
	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy	Creativity Numeracy	
	Leadership Independence	Leadership Independence	Leadership Independence	Leadership Independence	Leadership Independence	Leadership Independence	
	Listening Communicati			Listening Communication	Listening Communication	Listening Communication	
	Presenting Teamwork Problem solving	Presenting Teamwork Problem solving	Presenting Teamwork Problem solving	Presenting Teamwork Problem solving	Presenting Teamwork Problem solving	Presenting Teamwork Problem solving	
	Staying positive	Staying positive	Staying positive	Staying positive	Staying positive	Staying positive	
IT Skills	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	
		The second field the se		7727 707 60 50 70 77 77 77 77 77 77 77 77 77 77 77 77			
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)	
Week 39	Lesson 1: Feedback	Lesson 1: Feedback/Exemplars	Lesson 1: Exemplars	Lesson 1: End of year test	Lesson 1: Exemplars	Lesson 1: Feedback	
(w/b 10 th July)				Lesson 2: Exemplars Lesson 3: Feedback	·	Lesson 2: Feedback	
Key Words	Identify, describe, explain,	Identify, describe, explain,	Identify, describe, explain,	Identify, describe, explain,	Identify, describe, explain,	Identify, describe, explain,	
Level 2	compare, evaluate	compare, evaluate	compare, evaluate	compare, evaluate	compare, evaluate	compare, evaluate	
Level 3							
	Subject specific keywords taken	Subject specific keywords taken	Subject specific keywords taken	Subject specific keywords taken	Subject specific keywords taken	Subject specific keywords taken	
	Subject specific keywords taken from unit in HT1-5 plans	Subject specific keywords taken from unit in HT1-5 plans	Subject specific keywords taken from unit in HT1-5 plans	Subject specific keywords taken from unit in HT1-5 plans	Subject specific keywords taken from unit in HT1-5 plans		
Common						Subject specific keywords taken	
	from unit in HT1-5 plans Identified from assessment	from unit in HT1-5 plans Identified from assessment	from unit in HT1-5 plans Identified from assessment	from unit in HT1-5 plans Identified from assessment	from unit in HT1-5 plans Identified from assessment	Subject specific keywords taken from unit in HT1-5 plans Identified from assessment	
Common	from unit in HT1-5 plans	from unit in HT1-5 plans Identified from assessment	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability	from unit in HT1-5 plans	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability	Subject specific keywords taken from unit in HT1-5 plans	
Common Misconceptions Homework	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group.	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group.	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group.	Subject specific keywords taken from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group.	
Common Misconceptions	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability	Subject specific keywords taken from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability	
Common Misconceptions Homework Assessment this	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group.	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group.	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group.	Subject specific keywords taken from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group.	
Common Misconceptions Homework Assessment this half-term	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group 6 mark in class question	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group 6 mark in class question LIFE SKILLS: Resilience & organisation	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. 6 mark in class question LIFE SKILLS: Resilience & organisation	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. w/b 10 th Jul – End of Year Test LIFE SKILLS: Resilience & organisation	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. 6 mark in class question	Subject specific keywords taken from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. 6 mark in class question	
Common Misconceptions Homework Assessment this half-term Career	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group 6 mark in class question LIFE SKILLS: Resilience &	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group 6 mark in class question LIFE SKILLS: Resilience & organisation	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. 6 mark in class question LIFE SKILLS: Resilience &	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. w/b 10 th Jul – End of Year Test LIFE SKILLS: Resilience &	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. 6 mark in class question LIFE SKILLS: Resilience &	Subject specific keywords taken from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. 6 mark in class question LIFE SKILLS: Resilience &	
Common Misconceptions Homework Assessment this half-term Career opportunities Employment Links	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group 6 mark in class question LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientiscience teacher	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group 6 mark in class question LIFE SKILLS: Resilience & organisation t, EMPLOYMENT: Research scientist, science teacher	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. 6 mark in class question LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. w/b 10 th Jul – End of Year Test LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. 6 mark in class question LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher	Subject specific keywords taken from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. 6 mark in class question LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher	
Common Misconceptions Homework Assessment this half-term Career opportunities	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group 6 mark in class question LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scienti science teacher Aiming high Literacy	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group 6 mark in class question LIFE SKILLS: Resilience & organisation t, EMPLOYMENT: Research scientist, science teacher Aiming high Literacy	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. 6 mark in class question LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher Aiming high Literacy	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. w/b 10 th Jul – End of Year Test LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher Aiming high Literacy	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. 6 mark in class question LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher Aiming high Literacy	Subject specific keywords taken from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. 6 mark in class question LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher Aiming high Literacy	
Common Misconceptions Homework Assessment this half-term Career opportunities Employment Links	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group 6 mark in class question LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientiscience teacher Aiming high Creativity Numeracy	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group 6 mark in class question LIFE SKILLS: Resilience & organisation t, EMPLOYMENT: Research scientist, science teacher Aiming high Literacy Creativity Numeracy	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. 6 mark in class question LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher Aiming high Literacy Creativity Numeracy	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. w/b 10 th Jul – End of Year Test LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher Aiming high Literacy Creativity Numeracy	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. 6 mark in class question LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher Aiming high Creativity Numeracy	Subject specific keywords taken from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. 6 mark in class question LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher Aiming high Creativity Numeracy	
Common Misconceptions Homework Assessment this half-term Career opportunities Employment Links	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group 6 mark in class question LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scienti science teacher Aiming high Literacy Creativity Numeracy Leadership Independence	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group 6 mark in class question LIFE SKILLS: Resilience & organisation t, EMPLOYMENT: Research scientist, science teacher Aiming high Literacy Creativity Numeracy Leadership Independence	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. 6 mark in class question LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher Aiming high Literacy Creativity Numeracy Leadership Independence	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. w/b 10 th Jul – End of Year Test LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher Aiming high Literacy Creativity Numeracy Leadership Independence	Identified from assessment Kerboodle task suitable to ability of group. 6 mark in class question LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher Aiming high Creativity Numeracy Leadership Independence	Subject specific keywords taken from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. 6 mark in class question LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher Aiming high Creativity Leadership Independence	
Common Misconceptions Homework Assessment this half-term Career opportunities Employment Links	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group 6 mark in class question LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scienti science teacher Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communicati	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group 6 mark in class question LIFE SKILLS: Resilience & organisation t, EMPLOYMENT: Research scientist, science teacher Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communication	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. 6 mark in class question LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communication	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. w/b 10 th Jul – End of Year Test LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communication	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. 6 mark in class question LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communication	Subject specific keywords taken from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. 6 mark in class question LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communication	
Common Misconceptions Homework Assessment this half-term Career opportunities Employment Links	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group 6 mark in class question LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scienti science teacher Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communicati Presenting Teamwork	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group 6 mark in class question LIFE SKILLS: Resilience & organisation t, EMPLOYMENT: Research scientist, science teacher Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communication Presenting Teamwork	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. 6 mark in class question LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher Aiming high Literacy Numeracy Leadership Independence Listening Communication Presenting Teamwork	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. w/b 10 th Jul – End of Year Test LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communication Presenting Teamwork	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. 6 mark in class question LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communication Presenting Teamwork	Subject specific keywords taken from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. 6 mark in class question LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communication Presenting Teamwork	
Common Misconceptions Homework Assessment this half-term Career opportunities Employment Links	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group 6 mark in class question LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scienti science teacher Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communicati	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group 6 mark in class question LIFE SKILLS: Resilience & organisation t, EMPLOYMENT: Research scientist, science teacher Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communication	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. 6 mark in class question LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communication	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. w/b 10 th Jul – End of Year Test LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communication	from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. 6 mark in class question LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communication	Subject specific keywords taken from unit in HT1-5 plans Identified from assessment Kerboodle task suitable to ability of group. 6 mark in class question LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher Aiming high Literacy Creativity Numeracy Leadership Independence Listening Communication	

A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)

Week 40	Lesson 1: Feed	dback	Lesson 1: Feedback/Exemplars		Lesson 1: Feed	back	Lesson 1: Fee	dback	Lesson 1: Feed	back	Lesson 1: Feed	back
(w/b 17 th July)					Lesson 2: Feedback				Lesson 2: Feedback			
							Lesson 3: Fee	dback				
Key Words	Identify, descr	ibe, explain,	Identify, desc	ribe, explain,	Identify, descri	be, explain,	Identify, describe, explain,		Identify, describe, explain,		Identify, descri	be, explain,
Level 2	compare, eval	<mark>uate</mark>	compare, eva	<mark>luate</mark>	compare, evalu	<mark>uate</mark>	compare, eva	<mark>luate</mark>	compare, eval	<mark>uate</mark>	compare, evalu	<mark>iate</mark>
Level 3	Subject specif	ic keywords taken	Subject speci	fic keywords taken	Subject specific	c keywords taken	Subject specif	ic keywords taken	Subject specifi	c keywords taken	Subject specific	keywords taken
	from unit in H	T1-5 plans	from unit in H	IT1-5 plans	from unit in HT	1-5 plans	from unit in H	T1-5 plans	from unit in H	Γ1-5 plans	from unit in HT	1-5 plans
Common	Identified from	n assessment	Identified fro	m assessment	Identified from	assessment	Identified from	n assessment	Identified from	n assessment	Identified from	assessment
Misconceptions												
Homework	Kerboodle tas	k suitable to ability	Kerboodle ta	sk suitable to ability	Kerboodle task suitable to ability		Kerboodle task suitable to ability		Kerboodle task suitable to ability		Kerboodle task suitable to ability	
	of group		of group		of group.		of group.		of group.		of group.	
Assessment this	6 mark in class	s question	6 mark in clas	s question	6 mark in class question		6 mark in class question		6 mark in class question		6 mark in class question	
half-term												
Career	LIFE SKILLS: Re	esilience &	LIFE SKILLS: R	esilience &	LIFE SKILLS: Res	silience &	LIFE SKILLS: Re	esilience &	LIFE SKILLS: Re	silience &	LIFE SKILLS: Res	silience &
opportunities	organisation		organisation		organisation		organisation		organisation		organisation	
Employment Links	EMPLOYMEN1	T: Research scientist,	EMPLOYMEN	T: Research scientist,	EMPLOYMENT: Research scientist,		EMPLOYMENT: Research scientist,		EMPLOYMENT: Research scientist,		, EMPLOYMENT: Research scientist,	
	science teache	er	science teach	er	science teache	r	science teach	er	science teache	r	science teache	r
Employability Skills	Aiming high	Literacy	Aiming high	Literacy	Aiming high	<mark>Literacy</mark>	Aiming high	Literacy	Aiming high	<mark>Literacy</mark>	Aiming high	<mark>Literacy</mark>
	Creativity	Numeracy	Creativity	Numeracy	Creativity	Numeracy	Creativity	Numeracy	Creativity	Numeracy	Creativity	Numeracy
	Leadership	Independence	Leadership	Independence	Leadership	Independence	Leadership	Independence	Leadership	Independence	Leadership	Independence
	Listening	Communication	Listening	Communication	Listening	Communication	Listening	Communication	Listening	Communication	Listening	Communication
	Presenting	Teamwork	Presenting	Teamwork	Presenting	Teamwork	Presenting	Teamwork	Presenting	Teamwork	Presenting	Teamwork
	Problem solving		Problem solvin		Problem solving		Problem solving				Problem solving	
	Staying posit		Staying posi		Staying positive		Staying positive		Staying positive		Staying positive	
IT Skills	IT2: Kerboodle	e homework	IT2: Kerboodle homework		IT2: Kerboodle homework IT2:		IT2: Kerboodle homework		IT2: Kerboodle homework		IT2: Kerboodle homework	