

Autumn 1	Year 7					
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)
<b>Week 1</b> (w/b Wed 7 <sup>th</sup> Sep)	Lesson 1: 7.2.1 The Night Sky – Objects in the night sky, solar system	Lesson 1: 5.1.1 – Particle Theory	Lesson 1: Working scientifically project – rockets Lesson 1	Lesson 1: Working Scientifically – Rockets Lesson 2: Working Scientifically – Rockets Lesson 3: Working Scientifically – 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
<b>Key Words</b> 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
<b>Common Misconceptions</b>	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 ...
<b>Homework</b>	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.
<b>Assessment this half-term</b>	7.2 Universe Test	Online test – w/b 26 <sup>th</sup> Sept				7.2 Universe Test
<b>Career opportunities</b> <b>Employment Links</b>	LIFE SKILLS: To know what is visible when looking at the night sky EMPLOYMENT: <a href="https://www.iop.org/careers-physics/your-future-with-physics/career-paths/outreach-diversity">https://www.iop.org/careers-physics/your-future-with-physics/career-paths/outreach-diversity</a>	LIFE SKILLS: To learn why things change from solid → liquid → gas EMPLOYMENT: Chemist	LIFE SKILLS: To learn how to plan, reflect and make improvements EMPLOYMENT: <a href="https://www.iop.org/careers-physics/your-future-with-physics/career-paths/outreach-diversity">https://www.iop.org/careers-physics/your-future-with-physics/career-paths/outreach-diversity</a>	LIFE SKILLS: To learn how to plan, reflect and make improvements EMPLOYMENT: <a href="https://www.iop.org/careers-physics/your-future-with-physics/career-paths/outreach-diversity">https://www.iop.org/careers-physics/your-future-with-physics/career-paths/outreach-diversity</a>	LIFE SKILLS: To learn how to plan, reflect and make improvements EMPLOYMENT: <a href="https://www.iop.org/careers-physics/your-future-with-physics/career-paths/outreach-diversity">https://www.iop.org/careers-physics/your-future-with-physics/career-paths/outreach-diversity</a>	LIFE SKILLS: To know what is visible when looking at the night sky EMPLOYMENT: <a href="https://www.iop.org/careers-physics/your-future-with-physics/career-paths/outreach-diversity">https://www.iop.org/careers-physics/your-future-with-physics/career-paths/outreach-diversity</a>
<b>Employability Skills</b>	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	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	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
<b>IT Skills</b>	IT2: Kerboodle homework		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)
<b>Week 2</b> (w/b 12 <sup>th</sup> 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
<b>Key Words</b> 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
<b>Common Misconceptions</b>	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...



	Presenting Problem solving Staying positive	Teamwork	Presenting Problem solving Staying positive	Teamwork	Presenting Problem solving Staying positive	Teamwork	Presenting Problem solving Staying positive	Teamwork	Presenting Problem solving Staying positive	Teamwork	Presenting Problem solving Staying positive	Teamwork
<b>IT Skills</b>	IT2: Kerboodle homework		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)	
<b>Week 4 (w/b 26<sup>th</sup> Sep)</b>	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		Lesson 1: 5.1.3 Melting & Freezing/Online test		Lesson 1: Working scientifically 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	
<b>Key Words</b> 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		Identify, describe, explain Solid, liquid, gas, density, kinetic energy, order/ordered, random	
<b>Common Misconceptions</b>	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		Earth goes around the sun, flat earth ...		That you can investigate more than one factor at a time and it still be a valid experiment		Particles don't get bigger when gases expand	
<b>Homework</b>	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	
<b>Assessment this half-term</b>	7.2 Universe Test				Online test – w/b 26 <sup>th</sup> Sept							
<b>Career opportunities</b> <b>Employment Links</b>	LIFE SKILLS: To learn why Earth provides optimum living conditions EMPLOYMENT: <a href="https://www.iop.org/careers-physics/your-future-with-physics/career-paths/outreach-diversity">https://www.iop.org/careers-physics/your-future-with-physics/career-paths/outreach-diversity</a>		LIFE SKILLS: To learn why things melt EMPLOYMENT: Chemist		LIFE SKILLS: To learn how to plan, reflect and make improvements EMPLOYMENT: <a href="https://www.iop.org/careers-physics/your-future-with-physics/career-paths/outreach-diversity">https://www.iop.org/careers-physics/your-future-with-physics/career-paths/outreach-diversity</a>		LIFE SKILLS: To know what is visible when looking at the night sky and to learn why Earth provides optimum living conditions EMPLOYMENT: <a href="https://www.iop.org/careers-physics/your-future-with-physics/career-paths/outreach-diversity">https://www.iop.org/careers-physics/your-future-with-physics/career-paths/outreach-diversity</a>		LIFE SKILLS: To learn how to plan, reflect and make improvements EMPLOYMENT: <a href="https://www.iop.org/careers-physics/your-future-with-physics/career-paths/outreach-diversity">https://www.iop.org/careers-physics/your-future-with-physics/career-paths/outreach-diversity</a>		LIFE SKILLS: To learn why things change from solid → liquid → gas EMPLOYMENT: Chemist	
<b>Employability Skills</b>	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	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	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
<b>IT Skills</b>	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	
<b>Notes/developments/standardisation comments</b>	GL Transition assessment to take place this week.											

	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)
<b>Week 5 (w/b 3<sup>rd</sup> Oct)</b>	Lesson 1: 7.2.3 – The Earth, seasons	Lesson 1: 5.1.4 Boiling	Lesson 1: Working scientifically project – rockets Lesson 5	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	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
<b>Key Words</b> 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
<b>Common Misconceptions</b>	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	Earth goes around the sun, flat earth...	That you can investigate more than one factor at a time and it still be a valid experiment	Particles don't get bigger when gases expand
<b>Homework</b>	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
<b>Assessment this half-term</b>	7.2 Universe Test			7.2 Universe Test		Online test – w/b 26 <sup>th</sup> Sept
<b>Career opportunities</b> <b>Employment Links</b>	LIFE SKILLS: To know why we have the different seasons EMPLOYMENT: <a href="https://www.iop.org/careers-physics/your-future-with-physics/career-paths/outreach-diversity">https://www.iop.org/careers-physics/your-future-with-physics/career-paths/outreach-diversity</a>	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: <a href="https://www.iop.org/careers-physics/your-future-with-physics/career-paths/outreach-diversity">https://www.iop.org/careers-physics/your-future-with-physics/career-paths/outreach-diversity</a>	LIFE SKILLS: To know why we have the different seasons EMPLOYMENT: <a href="https://www.iop.org/careers-physics/your-future-with-physics/career-paths/outreach-diversity">https://www.iop.org/careers-physics/your-future-with-physics/career-paths/outreach-diversity</a>	LIFE SKILLS: To learn how to plan, reflect and make improvements EMPLOYMENT: <a href="https://www.iop.org/careers-physics/your-future-with-physics/career-paths/outreach-diversity">https://www.iop.org/careers-physics/your-future-with-physics/career-paths/outreach-diversity</a>	LIFE SKILLS: To learn why things change from solid → liquid → gas EMPLOYMENT: Chemist
<b>Employability Skills</b>	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	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	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
<b>IT Skills</b>	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)
<b>Week 6 (w/b 10<sup>th</sup> Oct)</b>	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)
<b>Key Words</b> Level 2 Level 3	Identify, describe, explain Planets, Moon, star, galaxy, solar system, satellite, scale, universe geocentrism, heliocentrism	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		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



	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 Teamwork Problem solving Staying positive	Presenting Teamwork Problem solving Staying positive
<b>IT Skills</b>	<b>IT2:</b> Kerboodle homework	<b>IT2:</b> Kerboodle homework	<b>IT1 &amp; IT2:</b> Using google for research and cameras to photograph practical work for final reports	<b>IT2:</b> Kerboodle homework	<b>IT1 &amp; IT2:</b> Using google for research and cameras to photograph practical work for final reports	<b>IT2:</b> Kerboodle homework

<b>Autumn 2</b>	<b>Year 7</b>					
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)
<b>Week 8 (w/b Mon 31<sup>st</sup> Oct)</b>	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
<b>Key Words</b> 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
<b>Common Misconceptions</b>	Identified from assessment	Particles don't get bigger when gases expand	That organs can only belong to one system	Particles don't get bigger when gases expand	That organs can only belong to one system	Particles don't get bigger when gases expand
<b>Homework</b>	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
<b>Assessment this half-term</b>	In class 6 mark question	In class 6 mark question	In class 6 mark question	W/b 28 <sup>th</sup> Nov – 5a Matter Test	In class 6 mark question	W/b 21 <sup>st</sup> Nov – 5a Matter Test
<b>Career opportunities</b> <b>Employment Links</b>	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
<b>Employability Skills</b>	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	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork
<b>IT Skills</b>	<b>IT2:</b> Kerboodle homework	<b>IT2:</b> Kerboodle homework	<b>IT2:</b> Kerboodle homework	<b>IT2:</b> Kerboodle homework	<b>IT2:</b> Kerboodle homework	<b>IT2:</b> Kerboodle homework
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)
<b>Week 9 (w/b 7<sup>th</sup> Nov)</b>	Lesson 1: Exemplars	Lesson 1: 5.1.8 Inside Particles	Lesson 1: 8.2.1 Observing cells – parts of and how to use a microscope	Lesson 1: 5.1.6 Diffusion Lesson 2: 5.1.7 Gas Pressure Lesson 3: 5.1.8 Inside Particles	Lesson 1: 8.2.1 Observing cells – parts of and how to use a microscope	Lesson 1: 5.2.2 Solutions Lesson 2: 5.2.3 Solubility
<b>Key Words</b> 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, subatomic, 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
<b>Common Misconceptions</b>	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"...



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)
<b>Week 11</b> (w/b 21 <sup>st</sup> 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
<b>Key Words</b> 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	Identify, describe, explain Pure, impure, solvent, solute, solution, filter, filtrate, R <sub>f</sub> value	Identify, describe, explain Nucleus, cell membrane, cell wall, cytoplasm, mitochondria, ribosome, chloroplast, vacuole, micrometre	Identify, describe, explain Pure, impure, solvent, solute, solution, filter, filtrate, R <sub>f</sub> value
<b>Common Misconceptions</b>	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"...
<b>Homework</b>	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
<b>Assessment this half-term</b>	In class 6 mark question	In class 6 mark question	In class 6 mark question	W/b 28 <sup>th</sup> Nov – 5a Matter Test	In class 6 mark question	W/b 21 <sup>st</sup> Nov – 5a Matter Test
<b>Career opportunities</b> <b>Employment Links</b>	LIFE SKILLS: Understanding how different energy resources work EMPLOYMENT: <a href="https://www.iop.org/careers-physics/your-future-with-physics/career-paths/policy-adviser">https://www.iop.org/careers-physics/your-future-with-physics/career-paths/policy-adviser</a>	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
<b>Employability Skills</b>	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	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	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
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)
<b>Week 12</b> (w/b 28 <sup>th</sup> Nov)	Lesson 1: 3.1.2 Energy Resources II advantages and disadvantages	Lesson 1: 5.2.3 Solubility	Lesson 1: 8.2.2 Plant and animal cells – onion cell microscopy practical	Lesson 1: 5a Matter Test Lesson 2: Feedback/Exemplars Lesson 3: Feedback/Exemplars	Lesson 1: 8.2.2 Plant and animal cells – onion cell microscopy practical	Lesson 1: Feedback/Exemplars Lesson 2: Feedback/Exemplars
<b>Key Words</b> 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 Pure, impure, solvent, solute, solution	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-renewable, oil, geothermal, hydroelectric, solar,		ribosome, chloroplast, vacuole, micrometre		ribosome, chloroplast, vacuole, micrometre	
<b>Common Misconceptions</b>	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
<b>Homework</b>	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.
<b>Assessment this half-term</b>	In class 6 mark question	In class 6 mark question	In class 6 mark question	W/b 28 <sup>th</sup> Nov – 5a Matter Test	In class 6 mark question	
<b>Career opportunities Employment Links</b>	LIFE SKILLS: EMPLOYMENT: <a href="https://www.iop.org/careers-physics/your-future-with-physics/career-paths/policy-adviser">https://www.iop.org/careers-physics/your-future-with-physics/career-paths/policy-adviser</a>	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
<b>Employability Skills</b>	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	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	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
<b>IT Skills</b>	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)
<b>Week 13 (w/b 5<sup>th</sup> Dec)</b>	Lesson 1: 3.1.3 Energy and power	Lesson 1: 5.2.4 Filtration	Lesson 1: 8.2.3 Specialised cells	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-prepared cells	Lesson 1: 8.2.3 Specialised cells	Lesson 1: 3.1.1 Food and fuels Lesson 2: 3.1.2 Energy Resources I – Renewable, non-renewable, combustion
<b>Key Words Level 2 Level 3</b>	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 <sub>f</sub> value	Identify, describe, explain Nucleus, cell membrane, cell wall, cytoplasm, mitochondria, ribosome, chloroplast, vacuole, micrometre, differentiated	Identify, describe, explain Cell, tissue, organ, organ system, objective lens, magnification, eyepiece, microscope slide, nucleus, cell membrane, cell wall, cytoplasm, mitochondria, ribosome, chloroplast, vacuole, micrometre	Identify, describe, explain Nucleus, cell membrane, cell wall, cytoplasm, mitochondria, ribosome, chloroplast, vacuole, micrometre, differentiated	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,
<b>Common Misconceptions</b>	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 plants don't have specialised cells	That changing the objective lens changes the focus	That plants don't have specialised cells	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.
<b>Homework</b>	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



	Listening Presenting Problem solving Staying positive	Communication Teamwork	Listening Presenting Problem solving Staying positive	Communication Teamwork	Listening Presenting Problem solving Staying positive	Communication Teamwork	Listening Presenting Problem solving Staying positive	Communication Teamwork	Listening Presenting Problem solving Staying positive	Communication Teamwork
<b>IT Skills</b>	IT2: Kerboodle homework		IT2: Kerboodle homework		IT2: Kerboodle homework		IT2: Kerboodle homework		IT2: Kerboodle homework	

Spring 1	Year 7					
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)
<b>Week 16</b> (w/b Wed 4 <sup>th</sup> Jan)	Lesson 1: 3.2.2 Energy dissipation	Lesson 1: 5.2.6 Chromatography – R <sub>f</sub> 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
<b>Key Words</b> 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 <sub>f</sub> 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
<b>Common Misconceptions</b>	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
<b>Homework</b>	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
<b>Assessment this half-term</b>	w/b 9 <sup>th</sup> Jan – 3a Energy Test	w/b 9 <sup>th</sup> Jan – 5a Matter Test	w/b 30 <sup>th</sup> Jan – 8a Cells and movement test	w/b 9 <sup>th</sup> Jan – 8a Cells and movement test w/b 13 <sup>th</sup> Feb – 3a Energy Test	w/b 30 <sup>th</sup> Jan – 8a Cells and movement test	w/b 9 <sup>th</sup> Jan – 3a Energy Test
<b>Career opportunities</b> <b>Employment Links</b>	LIFE SKILLS: EMPLOYMENT: <a href="https://www.iop.org/careers-physics/your-future-with-physics/career-paths/section-leader">https://www.iop.org/careers-physics/your-future-with-physics/career-paths/section-leader</a>	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: <a href="https://www.iop.org/careers-physics/your-future-with-physics/career-paths/section-leader">https://www.iop.org/careers-physics/your-future-with-physics/career-paths/section-leader</a>
<b>Employability Skills</b>	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	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork
<b>IT Skills</b>	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)
<b>Week 17</b> (w/b 9 <sup>th</sup> Jan)	Lesson 1: 3a Energy Test	Lesson 1: 5a Matter - Test	Lesson 1: 8.1.3 Movement of joints – model arm prac	Lesson 1: Unit review Lesson 2: Test Lesson 3: Test feedback	Lesson 1: 8.1.3 Movement of joints – model arm prac	Lesson 1: Exemplars Lesson 2: Feedback



	Presenting Problem solving Staying positive Teamwork	Presenting Problem solving Staying positive Teamwork	Presenting Problem solving Staying positive Teamwork	Presenting Problem solving Staying positive Teamwork	Presenting Problem solving Staying positive Teamwork	Presenting Problem solving Staying positive Teamwork
<b>IT Skills</b>	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)
<b>Week 19 (w/b 23<sup>rd</sup> Jan)</b>	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
<b>Key Words</b> 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
<b>Common Misconceptions</b>	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).
<b>Homework</b>	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
<b>Assessment this half-term</b>	6 mark in class question	6 mark in class question	w/b 30 <sup>th</sup> Jan – 8a Cells and movement test	w/b 9 <sup>th</sup> Jan – 8a Cells and movement test w/b 13 <sup>th</sup> Feb – 3a Energy Test	w/b 30 <sup>th</sup> Jan – 8a Cells and movement test	6 mark in class question
<b>Career opportunities Employment Links</b>	LIFE SKILLS: Resilience EMPLOYMENT: <a href="https://www.iop.org/careers-physics/your-future-with-physics/career-paths/section-leader">https://www.iop.org/careers-physics/your-future-with-physics/career-paths/section-leader</a>	LIFE SKILLS: Resilience EMPLOYMENT: Chemist	LIFE SKILLS: Understanding how the body moves EMPLOYMENT: Physiotherapist, personal trainer	LIFE SKILLS: Understanding the calorific values of food EMPLOYMENT: <a href="https://www.iop.org/careers-physics/your-future-with-physics/career-paths/section-leader">https://www.iop.org/careers-physics/your-future-with-physics/career-paths/section-leader</a>	LIFE SKILLS: Understanding how the body moves EMPLOYMENT: Physiotherapist, personal trainer	LIFE SKILLS: Understanding how metals react EMPLOYMENT: Technician
<b>Employability Skills</b>	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	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	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
<b>IT Skills</b>	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)
<b>Week 20 (w/b 30<sup>th</sup> Jan)</b>	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
<b>Key Words</b> Level 2 Level 3	Identify, 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
<b>Common Misconceptions</b>	Batteries are a battery (not made of cells). Batteries and cells are the same. Earth wire 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).
<b>Homework</b>	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
<b>Assessment this half-term</b>	6 mark in class question	6 mark in class question	w/b 30 <sup>th</sup> Jan – 8a Cells and movement test	w/b 9 <sup>th</sup> Jan – 8a Cells and movement test w/b 13 <sup>th</sup> Feb – 3a Energy Test	w/b 30 <sup>th</sup> Jan – 8a Cells and movement test	6 mark in class question
<b>Career opportunities Employment Links</b>	LIFE SKILLS: Understanding voltage EMPLOYMENT: <a href="https://www.iop.org/careers-physics/your-future-with-physics/career-paths/chief-executive-officer">https://www.iop.org/careers-physics/your-future-with-physics/career-paths/chief-executive-officer</a>	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: <a href="https://www.iop.org/careers-physics/your-future-with-physics/career-paths/section-leader">https://www.iop.org/careers-physics/your-future-with-physics/career-paths/section-leader</a>	LIFE SKILLS: Resilience EMPLOYMENT: Research scientist	LIFE SKILLS: Understanding which metals are safe in water EMPLOYMENT: Technician
<b>Employability Skills</b>	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	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	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
<b>IT Skills</b>	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)
<b>Week 21 (w/b 6<sup>th</sup> Feb)</b>	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
<b>Key Words Level 2 Level 3</b>	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
<b>Common Misconceptions</b>	Batteries are a battery (not made of cells). Batteries and cells are the same. Earth wire 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).
<b>Homework</b>	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



	Presenting Problem solving Staying positive	Teamwork	Presenting Problem solving Staying positive	Teamwork	Presenting Problem solving Staying positive	Teamwork	Presenting Problem solving Staying positive	Teamwork	Presenting Problem solving Staying positive	Teamwork	Presenting Problem solving Staying positive	Teamwork
<b>IT Skills</b>	IT2: Kerboodle homework		IT2: Kerboodle homework		IT2: Kerboodle homework		IT2: Kerboodle homework		IT2: Kerboodle homework		IT2: Kerboodle homework	

Spring 2	Year 7					
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)
<b>Week 23</b> (w/b 27 <sup>th</sup> 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
<b>Key Words</b> 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
<b>Common Misconceptions</b>	Batteries are a battery (not made of cells). Batteries and cells are the same. Earth wire 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
<b>Homework</b>	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
<b>Assessment this half-term</b>	6 mark in class question	6 mark in class question	6 mark in class question	W/b 27 <sup>th</sup> Mar – 6a Reactions Test	6 mark in class question	W/b 6 <sup>th</sup> Mar – 6a Reactions Test
<b>Career opportunities</b> <b>Employment Links</b>	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
<b>Employability Skills</b>	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	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork
<b>IT Skills</b>	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)
<b>Week 24</b> (w/b 6 <sup>th</sup> Mar)	Lesson 1: 2.1.3 Series and parallel 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



<b>Key Words</b> 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	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	Identify, describe, explain Energy, predator, prey, consumer, producer, respiration, excretion, herbivore, carnivore, omnivore	Identify, describe, explain, compare, evaluate
<b>Common Misconceptions</b>	Batteries are a battery (not made of cells). Batteries and cells are the same. Earth wire 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	
<b>Homework</b>	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
<b>Assessment this half-term</b>	6 mark in class question	6 mark in class question	6 mark in class question	W/b 27 <sup>th</sup> Mar – 6a Reactions Test	6 mark in class question	W/b 6 <sup>th</sup> Mar – 6a Reactions Test
<b>Career opportunities</b> <b>Employment Links</b>	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
<b>Employability Skills</b>	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	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	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
<b>IT Skills</b>	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)
<b>Week 25 (w/b 13<sup>th</sup> Mar)</b>	Lesson 1: 2.2.1 Current	Lesson 1: 6.2.6 Metal Displacement Reactions	Lesson 1: 9.1.3 - Ecosystems	Lesson 1: 6.1.1 Chemical Reactions Lesson 2: 6.1.2 Acids & Alkalis Lesson 3: 6.1.3 Indicators & pH	Lesson 1: 9.1.3 - Ecosystems	Lesson 1: Exemplars Lesson 2: Feedback
<b>Key Words</b> 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
<b>Common Misconceptions</b>	Batteries are a battery (not made of cells). Batteries and cells are the same. Earth wire 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
<b>Homework</b>	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
<b>Assessment this half-term</b>	6 mark in class question	6 mark in class question	6 mark in class question	W/b 27 <sup>th</sup> Mar – 6a Reactions Test	6 mark in class question	6 mark in class question

<b>Career opportunities Employment Links</b>	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
<b>Employability Skills</b>	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	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication
<b>IT Skills</b>	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)
<b>Week 26 (w/b 20<sup>th</sup> Mar)</b>	Lesson 1: 2.2.1 Current	Lesson 1: 6.2.2 Chemical Reactions of Metals & Non-metals	Lesson 1: 9.1.3 – Ecology practical	Lesson 1: 6.1.4 Acid Strength Lesson 2: 6.1.5 Neutralisation Lesson 3: 6.1.6 Making Salts	Lesson 1: 9.1.3 – Ecology practical	Lesson 1: 2.1.1 Potential difference - series Lesson 2: 2.1.1 Potential Difference - parallel
<b>Key Words Level 2 Level 3</b>	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,
<b>Common Misconceptions</b>	Batteries are a battery (not made of cells). Batteries and cells are the same. Earth wire 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 wire and the fuse are the same.
<b>Homework</b>	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
<b>Assessment this half-term</b>	6 mark in class question	6 mark in class question	6 mark in class question	W/b 27 <sup>th</sup> Mar – 6a Reactions Test	6 mark in class question	6 mark in class question
<b>Career opportunities Employment Links</b>	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: <a href="https://www.iop.org/careers-physics/your-future-with-physics/career-paths/chief-executive-officer">https://www.iop.org/careers-physics/your-future-with-physics/career-paths/chief-executive-officer</a>
<b>Employability Skills</b>	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	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication
<b>IT Skills</b>	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)

<b>Week 27</b> (w/b 27 <sup>th</sup> Mar)	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 2: Feedback/Exemplars Lesson 3: Feedback/Exemplars	Lesson 1: 9.1.3 Ecology write up	Lesson 1: 2.1.2 Resistance Lesson 2: 2.1.3 Series and parallel circuits
<b>Key Words</b> 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	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,
<b>Common Misconceptions</b>	Electrons aren't transferred on their own when statically charging an object.	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		That the bigger animals/species are predators	Batteries are a battery (not made of cells). Batteries and cells are the same. Earth wire and the fuse are the same.
<b>Homework</b>	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
<b>Assessment this half-term</b>	6 mark in class question	6 mark in class question	6 mark in class question	W/b 27 <sup>th</sup> Mar – 6a Reactions Test	6 mark in class question	6 mark in class question
<b>Career opportunities</b> <b>Employment Links</b>	LIFE SKILLS: Appreciation of the dangers of electricity  EMPLOYMENT: Electrician, electronic engineer, lighting engineer	LIFE SKILLS: Understanding the uses of acids and alkalis in the home  EMPLOYMENT: Water board scientist	LIFE SKILLS: Understanding the relationships between organisms in an ecosystem  EMPLOYMENT: Ecologist, animal behaviourist	LIFE SKILLS: Resilience and organisation  EMPLOYMENT: Research scientist	LIFE SKILLS: Understanding the relationships between organisms in an ecosystem  EMPLOYMENT: Ecologist, animal behaviourist	LIFE SKILLS: Appreciation of the dangers of electricity  EMPLOYMENT: Electrician, electronic engineer, lighting engineer
<b>Employability Skills</b>	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	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive	Literacy Numeracy Independence Communication Teamwork
<b>IT Skills</b>	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework

<b>Summer 1</b>	<b>Year 7</b>					
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)
<b>Week 28</b> (w/b 17 <sup>th</sup> 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
<b>Key Words</b> 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,
<b>Common Misconceptions</b>	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).



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)
<b>Week 30</b> (w/b Tues 2 <sup>nd</sup> May)	Lesson 1: 2a Electromagnets Test	Lesson 1: 6.1.5 Neutralisation	Lesson 1: 9.2.2 – Fertilisation and germination	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
<b>Key Words</b> 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,
<b>Common Misconceptions</b>	Identified in assessment	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 plants don't reproduce sexually	That plants don't reproduce sexually	Batteries are a battery (not made of cells). Batteries and cells are the same. Earth wire and the fuse are the same.
<b>Homework</b>	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.
<b>Assessment this half-term</b>	w/b 2 <sup>nd</sup> May - 2a Electromagnets Test	W/b 15 <sup>th</sup> May – 6a Reactions Test	w/b 15 <sup>th</sup> May – 10b Ecosystems test	w/b 8 <sup>th</sup> May – 10b Ecosystems test	w/b 15 <sup>th</sup> May – 10b Ecosystems test	w/b 8 <sup>th</sup> May – 2a Electromagnets Test
<b>Career opportunities</b> <b>Employment Links</b>	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
<b>Employability Skills</b>	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	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	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
<b>IT Skills</b>	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)
<b>Week 31</b> (w/b 8 <sup>th</sup> May)	Lesson 1: Feedback	Lesson 1: 6.1.6 Making Salts	Lesson 1: 9.2.3 – Seed dispersal	Lesson 1: Test Lesson 2: Exemplars Lesson 3: Feedback	Lesson 1: 9.2.3 – Seed dispersal	Lesson 1: Section review Lesson 2: 2a Electromagnets Test
<b>Key Words</b> 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 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,
<b>Common Misconceptions</b>	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

		alkali is present) and effect (the indicator changes colour)  Strong = fully dissociated, not concentrated				
<b>Homework</b>	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.
<b>Assessment this half-term</b>	6 mark in class question	W/b 15 <sup>th</sup> May – 6a Reactions Test	w/b 15 <sup>th</sup> May – 10b Ecosystems test	w/b 8 <sup>th</sup> May – 10b Ecosystems test	w/b 15 <sup>th</sup> May – 10b Ecosystems test	w/b 8 <sup>th</sup> May – 2a Electromagnets Test
<b>Career opportunities Employment Links</b>	LIFE SKILLS: Appreciation of the dangers of electricity EMPLOYMENT: Electrician, electronic engineer, lighting engineer	LIFE SKILLS: Understanding how to make and name salts EMPLOYMENT: Water board scientist	LIFE SKILLS: Understanding the importance of bees EMPLOYMENT: Florist, beekeeper	LIFE SKILLS: Resilience EMPLOYMENT: Research scientist	LIFE SKILLS: Understanding the importance of bees EMPLOYMENT: Florist, beekeeper	LIFE SKILLS: Appreciation of the dangers of electricity EMPLOYMENT: Electrician, electronic engineer, lighting engineer
<b>Employability Skills</b>	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	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication	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	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication Teamwork
<b>IT Skills</b>	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)
<b>Week 32 (w/b 15<sup>th</sup> May)</b>	Lesson 1: Exemplars	Lesson 1: 6a Reactions Test	Lesson 1: Test	Lesson 1: 2.1.1 - series Lesson 2: 2.1.1 Potential difference - parallel Lesson 3: 2.1.2 Resistance	Lesson 1: Test	Lesson 1: Exemplars Lesson 2: Feedback
<b>Key Words Level 2 Level 3</b>	Identify, describe, explain Conductor, insulator, charge, flow, complete circuit, resistance, ohm, voltage, parallel, series,	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 Conductor, insulator, charge, flow, complete circuit, resistance, ohm, voltage, parallel, series,
<b>Common Misconceptions</b>	Identified in assessment	Identified in assessment	Identified in assessment	Batteries are a battery (not made of cells). Batteries and cells are the same. Earth wire and the fuse are the same.	Identified in assessment	Identified in assessment
<b>Homework</b>	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
<b>Assessment this half-term</b>	6 mark in class question	W/b 15 <sup>th</sup> May – 6a Reactions Test	w/b 15 <sup>th</sup> May – 10b Ecosystems test	6 mark in class question	w/b 15 <sup>th</sup> May – 10b Ecosystems test	6 mark in class question
<b>Career opportunities Employment Links</b>	LIFE SKILLS: Appreciation of the dangers of electricity EMPLOYMENT: Electrician, electronic engineer, lighting engineer	LIFE SKILLS: Resilience EMPLOYMENT: Research scientist	LIFE SKILLS: Resilience EMPLOYMENT: Research scientist	LIFE SKILLS: Appreciation of the dangers of electricity EMPLOYMENT: Electrician, electronic engineer, lighting engineer	LIFE SKILLS: Resilience EMPLOYMENT: Research scientist	LIFE SKILLS: Appreciation of the dangers of electricity EMPLOYMENT: Electrician, electronic engineer, lighting engineer
<b>Employability Skills</b>	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	Aiming high Creativity Leadership Listening Presenting Problem solving Staying positive Literacy Numeracy Independence Communication	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	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
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)
<b>Week 33</b> (w/b 22 <sup>nd</sup> 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: <b>Revision</b> – Particle Theory Lesson 2: <b>Revision</b> – Particle Theory
<b>Key Words</b> 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
<b>Common Misconceptions</b>	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 wire and the fuse are the same.	Identified in assessment	Identified from active questioning
<b>Homework</b>	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
<b>Assessment this half-term</b>	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
<b>Career opportunities</b> <b>Employment Links</b>	LIFE SKILLS: Resilience EMPLOYMENT: Research scientist	LIFE SKILLS: Resilience EMPLOYMENT: Research scientist	LIFE SKILLS: Resilience EMPLOYMENT: Research scientist	LIFE SKILLS: Appreciation of the dangers of electricity EMPLOYMENT: Electrician, electronic engineer, lighting engineer	LIFE SKILLS: Resilience EMPLOYMENT: Research scientist	LIFE SKILLS: Resilience EMPLOYMENT: Research scientist
<b>Employability Skills</b>	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	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	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
<b>IT Skills</b>	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework

Summer 2	Year 7					
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)
<b>Week 34</b> (w/b 5 <sup>th</sup> Jun)	Lesson 1: Test/ <b>Revision</b> /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: <b>Revision</b> - Separations Lesson 2: <b>Revision</b> - Separations
<b>Key Words</b> 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
<b>Common Misconceptions</b>	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.		
<b>Homework</b>	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
<b>Assessment this half-term</b>	w/b 3 <sup>rd</sup> Jul – End of Year Test		w/b 19 <sup>th</sup> June – 2a Electromagnets Test		w/b 3 <sup>rd</sup> Jul – End of Year Test	
<b>Career opportunities Employment Links</b>	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
<b>Employability Skills</b>	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 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 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
<b>IT Skills</b>	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)
<b>Week 35 (w/b 12<sup>th</sup> Jun)</b>	Lesson 1: Test/ <u>Revision</u> /Feedback	Lesson 1: <u>Revision</u> – Particle Theory	Lesson 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: Revise section 8.2	Lesson 1: <u>Revision</u> – Metals and Non-metals Lesson 2: <u>Revision</u> – Metals and Non-metals
<b>Key Words Level 2 Level 3</b>	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
<b>Common Misconceptions</b>	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
<b>Homework</b>	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
<b>Assessment this half-term</b>	w/b 3 <sup>rd</sup> Jul – End of Year Test		w/b 19 <sup>th</sup> June – 2a Electromagnets Test		w/b 3 <sup>rd</sup> Jul – End of Year Test	
<b>Career opportunities Employment Links</b>	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
<b>Employability Skills</b>	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 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 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
<b>IT Skills</b>	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)
<b>Week 36 (w/b 19<sup>th</sup> Jun)</b>	Lesson 1: Test/ <u>Revision</u> /Feedback	Lesson 1: <u>Revision</u> - Separations	Lesson 1: Revise section 9.1	Lesson 1: 2a Electromagnets Test Lesson 2: Feedback Lesson 3: Exemplars	Lesson 1: Revise section 9.1	Lesson 1: <u>Revision</u> – 7.1/7.2 Lesson 2: <u>Revision</u> – 7.3/7.4



<b>Key Words</b> 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
<b>Common Misconceptions</b>	Identified in active questioning	Identified in active questioning	Identified in active questioning	Identified from assessment	Identified in active questioning	Identified in active questioning
<b>Homework</b>	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
<b>Assessment this half-term</b>	W/b 3 <sup>rd</sup> Jul – End of Year Test		w/b 19 <sup>th</sup> June – 2a Electromagnets Test		w/b 3 <sup>rd</sup> Jul – End of Year Test	
<b>Career opportunities</b> <b>Employment Links</b>	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
<b>Employability Skills</b>	<b>Aiming high</b> Literacy Creativity Leadership Listening Presenting Problem solving <b>Staying positive</b>	<b>Aiming high</b> Literacy Creativity Leadership Listening Presenting Problem solving <b>Staying positive</b>	<b>Aiming high</b> Literacy Creativity Leadership Listening Presenting Problem solving <b>Staying positive</b>	<b>Aiming high</b> Literacy Creativity Leadership Listening Presenting Problem solving <b>Staying positive</b>	<b>Aiming high</b> Literacy Creativity Leadership Listening Presenting Problem solving <b>Staying positive</b>	<b>Aiming high</b> Literacy Creativity Leadership Listening Presenting Problem solving <b>Staying positive</b>
<b>IT Skills</b>	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)
<b>Week 37</b> <b>(w/b 26<sup>th</sup> Jun)</b>	Lesson 1: Test/ <b>Revision</b> /Feedback	Lesson 1: <b>Revision</b> – Metals and Non-metals	Lesson 1: Revise section 9.2	Lesson 1: <b>Revision</b> biology units Lesson 2: <b>Revision</b> biology units Lesson 3: <b>Revision</b> chemistry units	Lesson 1: Revise section 9.2	Lesson 1: <b>Revision</b> – 7.5 Lesson 2: <b>Revision</b> – 7.6
<b>Key Words</b> 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
<b>Common Misconceptions</b>	Identified in active questioning	Identified in active questioning	Identified in active questioning	Identified in active questioning	Identified in active questioning	Identified in active questioning
<b>Homework</b>	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
<b>Assessment this half-term</b>	W/b 3 <sup>rd</sup> Jul – End of Year Test		w/b 10 <sup>th</sup> Jul – End of Year Test		w/b 3 <sup>rd</sup> Jul – End of Year Test	
<b>Career opportunities</b> <b>Employment Links</b>	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: Resilience & organisation EMPLOYMENT: Research scientist, science teacher	LIFE SKILLS: Resilience & organisation EMPLOYMENT: Research scientist, science teacher	LIFE SKILLS: EMPLOYMENT:
<b>Employability Skills</b>	<b>Aiming high</b> Literacy Creativity Leadership Listening Presenting Problem solving <b>Staying positive</b>	<b>Aiming high</b> Literacy Creativity Leadership Listening Presenting Problem solving <b>Staying positive</b>	<b>Aiming high</b> Literacy Creativity Leadership Listening Presenting Problem solving <b>Staying positive</b>	<b>Aiming high</b> Literacy Creativity Leadership Listening Presenting Problem solving <b>Staying positive</b>	<b>Aiming high</b> Literacy Creativity Leadership Listening Presenting Problem solving <b>Staying positive</b>	<b>Aiming high</b> Literacy Creativity Leadership Listening Presenting Problem solving <b>Staying positive</b>
<b>IT Skills</b>	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework	IT2: Kerboodle homework
<b>Notes/developments</b> <b>/standardisation</b> <b>comments</b>						
	A1 (DHN)	A1 (AEC)	A1 (LS)	A2/A3/A4/B1/B2/B4	B3 (JAD)	B3 (KMF)

<b>Week 38</b> (w/b 3 <sup>rd</sup> July)	Lesson 1: End of year test	Lesson 1: End of year test	Lesson 1: End of year test	Lesson 1: <b>Revision</b> chemistry units Lesson 2: <b>Revision</b> physics units Lesson 3: <b>Revision</b> physics units	Lesson 1: End of year test	Lesson 1: End of year test Lesson 2: Exemplars
<b>Key Words</b> 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
<b>Common Misconceptions</b>	Identified from assessment	Identified from assessment	Identified from assessment	Identified in from test	Identified from assessment	Identified from assessment
<b>Homework</b>	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
<b>Assessment this half-term</b>	W/b 3 <sup>rd</sup> Jul – End of Year Test		w/b 10 <sup>th</sup> Jul – End of Year Test		w/b 3 <sup>rd</sup> Jul – End of Year Test	
<b>Career opportunities</b> <b>Employment Links</b>	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: 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
<b>Employability Skills</b>	<b>Aiming high</b> Literacy Creativity Numeracy Leadership Independence Listening Communication Presenting Teamwork Problem solving Staying positive	<b>Aiming high</b> Literacy Creativity Numeracy Leadership Independence Listening Communication Presenting Teamwork Problem solving Staying positive	<b>Aiming high</b> Literacy Creativity Numeracy Leadership Independence Listening Communication Presenting Teamwork Problem solving Staying positive	<b>Aiming high</b> Literacy Creativity Numeracy Leadership Independence Listening Communication Presenting Teamwork Problem solving Staying positive	<b>Aiming high</b> Literacy Creativity Numeracy Leadership Independence Listening Communication Presenting Teamwork Problem solving Staying positive	<b>Aiming high</b> Literacy Creativity Numeracy Leadership Independence Listening Communication Presenting Teamwork Problem solving Staying positive
<b>IT Skills</b>	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)
<b>Week 39</b> (w/b 10 <sup>th</sup> July)	Lesson 1: Feedback	Lesson 1: Feedback/Exemplars	Lesson 1: Exemplars	Lesson 1: End of year test Lesson 2: Exemplars Lesson 3: Feedback	Lesson 1: Exemplars	Lesson 1: Feedback Lesson 2: Feedback
<b>Key Words</b> 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
<b>Common Misconceptions</b>	Identified from assessment	Identified from assessment	Identified from assessment	Identified from assessment	Identified from assessment	Identified from assessment
<b>Homework</b>	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.
<b>Assessment this half-term</b>	6 mark in class question	6 mark in class question	6 mark in class question	w/b 10 <sup>th</sup> Jul – End of Year Test	6 mark in class question	6 mark in class question
<b>Career opportunities</b> <b>Employment Links</b>	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: 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
<b>Employability Skills</b>	<b>Aiming high</b> Literacy Creativity Numeracy Leadership Independence Listening Communication Presenting Teamwork Problem solving Staying positive	<b>Aiming high</b> Literacy Creativity Numeracy Leadership Independence Listening Communication Presenting Teamwork Problem solving Staying positive	<b>Aiming high</b> Literacy Creativity Numeracy Leadership Independence Listening Communication Presenting Teamwork Problem solving Staying positive	<b>Aiming high</b> Literacy Creativity Numeracy Leadership Independence Listening Communication Presenting Teamwork Problem solving Staying positive	<b>Aiming high</b> Literacy Creativity Numeracy Leadership Independence Listening Communication Presenting Teamwork Problem solving Staying positive	<b>Aiming high</b> Literacy Creativity Numeracy Leadership Independence Listening Communication Presenting Teamwork Problem solving Staying positive
<b>IT Skills</b>	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)
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