	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Weekly	Plants	Living things and their	Properties and changes of	Rocks	Forces	Light and sound
Weekly focus Core Knowledge, Skills and Concepts	 identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers 	 habitats recognise that living things can be grouped in a variety of ways explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment recognise that environments can change and that this can sometimes pose dangers to living things 	 Properties and changes of materials compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic demonstrate that dissolving, mixing and changes of state are reversible changes explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda Weekly Focus Properties of Materials thermal conductors and insulators electrical conductors Dissolving Separating Mixtures Irreversible changes 	 Rocks compare and group together different kinds of rocks on the basis of their appearance and simple physical properties describe in simple terms how fossils are formed when things that have lived are trapped within rock recognise that soils are made from rocks and organic matter Weekly Focus Types of rocks Grouping rocks Fossils Mary Anning's contribution to palaeontology. Soil Formation Permeability of different soils. 	 Forces compare how things move on different surfaces notice that some forces need contact between 2 objects, but magnetic forces can act at a distance observe how magnets attract or repel each other and attract some materials and not others compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials describe magnets as having 2 poles predict whether 2 magnets will attract or repel each other, depending on which poles are facing. explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object identify the effects of air resistance, water resistance and friction, that act between moving surfaces recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect Weekly Focus Pushes and pulls Speed with different surfaces Magnetic poles Attract or repel Forces Gravity Air resistance Water resistance Friction Simple Mechanisms 	 Light and sound recognise that they need light in order to see things and that dark is the absence of light notice that light is reflected from surfaces recognise that light from the sun can be dangerous and that there are ways to protect their eyes recognise that shadows are formed when the light from a ligh source is blocked by an opaque object find patterns in the way that the size of shadows change associate the brightness of a lamp or the volume of a buzzer with th number and voltage of cells used in the circuit compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches use recognised symbols when representing a simple circuit in a diagram identify how sounds are made, associating some of them with something vibrating recognise that vibrations from sounds travel through a medium to the ear find patterns between the pitch of a sound and features of the object that produced it recognise that sounds get fainter as the distance from the sound source increases Weekly Focus Light and dark/How do we see? Reflective surfaces/Reflecting light

KS2 Curriculum Planning Year 1– Science

Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Autumn Term 1Weekly focusCore Knowledge, Skills and ConceptsConceptsSkills and ConceptsCore Knowledge, Skills and Concepts00	 Autumn Term 2 Electricity identify common appliances that run on electricity construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit recognise some common conductors and insulators, and associate metals with being good conductors associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of 	 Spring Term 1 Evolution and Inheritance recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution Weekly Focus Inheritance Adaptation Evidence for Evolution in Humans Adaptation, Evolution and Human Intervention 	 Spring Term 2 Earth and Space describe the movement of the Earth and other planets relative to the sun in the solar system describe the movement of the moon relative to the Earth describe the sun, Earth and moon as approximately spherical bodies use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky Weekly Focus Spherical Bodies The Planets (Inner and outer planets) Geocentric Versus Heliocentric Night and Day International Movement of the moon 	Summer Term 1 States of matter • compare and group materials together, according to whether they are solids, liquids or gases • observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C) • identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature Weekly Focus 1. Solid, Liquid or Gas? 2. Investigating Gases 3. Heating and Cooling 4. Water changing state 5. Evaporation Investigation 6. The Water Cycle	Summer Term 2 Scientists and inventors To research and find key information about different Scientists and inventors throughout history. Using books and ICT and to record this information to present their findings. Weekly Focus 1. Stephen Hawking - will learn about the life and work of Stephen Hawking, and carry out an investigation into Hawking's theories on black holes. Libbie Hyman - will learn about Libbie Hyman, a zoologist whose work on invertebrates informs mut of what we know about the characteristics and classification of these creatures. 2. The DNA Race - will find out about the scientists who raced to prove the structure of DNA, and the controversies surrounding this discovery. They will learn about the role of DNA in inheritance, and create their own model of a DNA molecule. Alexander Fleming - will find out about Alexander Fleming and his discovery of penicillin, and will interpret data in a scatter graph to come to a conclusion about the

3. Spectrum
Colours
4. Sun safety
Making and changing shadows-
making a shadow theatre
5. Sound
Sound travels
6. Pitch
string telephone
7. Sound proofing
Making music

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	Growth of babies/gestation	 use recognised symbols 		
	periods	when representing a		
	5. Puberty	simple circuit in a		
	Changes in old age	diagram		
	6. Circulatory system			
	Transporting water and	Weekly Focus		
	nutrients	1. Electricity		
	7. Healthy lifestyle/exercise	Electrical Appliances		
	7. Healthy mestyle/exercise	2. Electrical Circuits		
	Drugs and Alcohol	3. Conductors and		
		Insulators		
		4. Simple circuits using		
		switches		
		Investigating Switches		
		5. Major discoveries in		
		electricity		
		Circuit symbols		
		6. Voltage		
		7. Electricity investigation		
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3.

Mary Leakey - will look at the evidence for human evolution, and will learn about Mary Leakey and her role in finding significant fossil evidence, and what her fossils prove about evolution.

Steve Jobs - will find out about the life and work of Steve Jobs, and his development of new electronics and technologies.

4.

David Attenborough - will learn about the life and work of David Attenborough and create a documentary about a living thing of their choice.

CSI- will learn about how CSI technicians use scientific techniques to analyse evidence and prove or disprove theories. They will use chromatography to analyse the ink used in a spelling test and use this evidence to support their own theories.

5.

Margaret Hamiliton Mission to the Moon - will find out about Margaret Hamilton and her invention of the software and computer code that enabled Apollo 11 to go the Moon. They will research into her achievements completing a timeline about her life.

Neil deGrasse Tyson The Solar System - will look at the classification of planets and create fact files on the planets in our solar system through finding out about Neil deGrasse Tyson's role in the reclassification of Pluto. 6.

Eva Crane – The children will explore the Eva Crane's research into bees and will play a game about the life cycle of bees.

Stephanie Kwolek - will investigating the hardness of materials and consider Stephanie Kwolek's invention of Kevlar. Furthermore, they will learn about Leonardo da Vinci's ideas about the

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	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Weekly	Cells – the Building Blocks of	Mixing, Dissolving and	Forces and their effects	Eating, Drinking, Breathing	Elements, compounds and reactions	Energy Transfers and sound
-	Life	Separating				
focus			This unit is about ideas of	This unit is about the human	This unit is about the ideas of atoms,	This unit is about how energy make
	This unit is about the structure	This unit will extend and	forces, friction, movement and	digestive system and	elements and compounds, and ways	things happen, can be stored and
	and function of specialised	further develop their ideas	speed. They will learn how to	breathing system; about the	that scientists represent them using	transferred in many different ways.
Core	plant and animal cells,	on separation from KS2 – for	represent the location, size	role of each of the organs	symbols and formulas. They will	They will learn about useful and
Knowledge,	organisation in multicellular	example revisiting the use of	and direction of forces using	involved and the way that	learn how scientists have developed	useless energy transfers.
	organisms, different types and	sieving and developing this to	arrows. They will meet	each organ is adapted to its	the Periodic Table and will start to	Students will learn about burning o
Skills and	adaptations of unicellular	include filtration. New	situations in which forces are	particular function. They will	learn about its groups, patterns and	fuels and how different fuels store
Concepts	organisms and how plants and	separation techniques –	balanced and others in which	learn more about a healthy	trends. Various elements are	and transfer different amounts of
υποεριδ	humans are adapted to	chromatography and	they are unbalanced. They will	diet and the consequences of	explored with regard to their	energy.
	reproduce. They will explore	distillation – are introduced.	also learn to identify reaction	not having one, and about	different chemical and physical	
	linked processes, including	Students investigate	forces.	the effects of some lifestyle	properties. Students will learn how	They will be about to understand
	diffusion, pollination, seed	dissolving, consider solubility	The students will consider the	choices and diseases on the	to understand chemical reactions in	that sound energy is transmitted by
	dispersal, menstruation and	and apply the Law of	effects that forces have –	breathing system. They will	terms of a rearrangement of atoms	waves being passed on by air
	fertilisation. They will consider	Conservation of Mass. They	stretching, compressing,	also learn about the links	and how to represent these using	particles. They will learn how echo
	environmental factors in	are asked to apply their	turning around a fulcrum,	between the digestive	circle diagrams, formulas and	occur, how the ear works and how
	discussing the role of insects	knowledge of changes of	causing changes in speed or	system, breathing system	equations. They will study metals,	animals can communicate with
	and reasons for their demise.	state and of solubility to	direction. They will learn that	and circulatory system and	non-metals and oxides.	sounds that we can not hear.
		explain their uses. Students	movement continues at the	study how the products of	This unit offers a number of	
	Weekly Focus	are introduced to ideas about	same speed and in the same	digestion and breathing are	opportunities for students to	Weekly Focus
	1. Comparing plant and animal	atoms, compounds and	direction unless a force acts. In	exchanged in our bodies.	investigate materials and reactions	1. Exploring energy transfers
	cells. Describing cells.	mixtures, including the use of	analysing the force of friction,	They will also start to learn	at first hand and use evidence to	Understanding potential energy an
	2. Understanding unicellular	simple circle models.	they will consider where it is	about how we use some of	construct explanations. They explore	kinetic energy
	organisms		desirable, where it is	the products of breathing	evidence that reactions have	Doing work
	Understanding diffusion	Weekly Focus	unwanted and how it can be	and digestion to generate	occurred and how the properties of	2. Looking at dynamos
	3. Organisation in multicellular	1.Working safely in a	increased or reduced. They will	energy.	materials determine their	Understanding elastic potential
	organisms Comparing	laboratory	have the opportunity to		applications.	energy
	flowering plants	Recording experiments	investigate the effect of	Weekly Focus		
		2 .			Weekly Focus	

proportions of the human body seen in his work The Vitruvian Man.

7.

Leonardo Da Vinci - will measure their height, arm span and other measurements to see whether da Vinci's theories about proportion were accurate.

Stonehenge - will find out about the scientific theories surrounding the construction of Stonehenge. They will explore the evidence that suggests that Stonehenge could have been used as an astronomical calendar, and develop their own theories based on this evidence.

 4. Knowing how pollination leads to fertilisation 5. The challenges facing pollinators. Formation and dispersal of seeds. 6. Dispersal of fruit seeds, The male reproductive system 7. The female reproductive system, fertility, puberty and how the foetus develops 	Recognising materials, substances and elements 2.understanding water Dissolving Separating mixtures 3.Dissolving and evaporating Extracting salt Understanding distillation 4.what is air made of? Exploring chromatography 5.Using chromatography 6.Finding the best solvent 7.modelling mixtures and separation	streamlining in order to develop their understanding of water and air resistance. The concept of speed will be explored and students will learn and practise the method for calculating it. This chapter offers a number of opportunities for students to relate hands-on experience to slightly more abstract ideas. They will use a range of thinking and personal skills to help their learning and support their peers. Weekly Focus 1.Discovering and measuring forces. Understanding weight on other planets. Exploring the effects of forces 2.understanding stretch and compression Hooke's Law 3.friction The benefits of friction 4.air and water resistance Streamlining Forces and motion 5.how forces affect speed and direction speed calculations 6.turning forces moments	1.Exploring a healthy diet Testing foods Comparing energy needs 2.Exploring Obesity and starvation Deficiency diseases Understanding the Human Digestive System Understanding the start of digestion 3.the role of digestive organs Introducing enzymes The role of bacteria 4. How we breathe Measuring breathing 5.Evaluating gas exchange in Humans Investigating Diffusion 6.Exploring the effects of disease and lifestyle	 Identifying metalloids Discovering the origin of metals Choosing elements for a purpose Combining elements Using models to understand chemistry Understanding what happens when an element burns Observing how elements react in different ways Identifying the special features of carbon Understanding oxidation Investigating carbonates Explaining changes Standard State Explaining changes State State	 3. Knowing the difference between heat and temperature Thinking about fuels 4. Investigating fuels 5. Exploring sound Describing sound Measuring the speed of sound 6. Understanding how sounds travels through materials Learning about the reflection and absorption of sound Hearing sounds 7. Understanding factors affecting hearing Finding out about sounds we cannot hear
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	Year 8 Curriculum Planning – Science						
Weekly focus	Autumn Term 1 Getting the energy Your Body Needs	Autumn Term 2 Explaining Physical Changes	Spring Term 1 Exploring Contact and Non- Contact Forces	Spring Term 2 Looking at Plants and Ecosystems	Summer Term 1 Explaining Chemical Changes	Summer Term 2 Magnetism and Electricity	
Core Knowledge, Skills and Concepts	 1.Exploring the human skeleton Analysing the skeleton Understanding the role of skeletal joints 2. Investigating muscle strength Analysing muscle strength Examining interacting muscles 	 Using particles to explain matter Understanding solids Exploring Brownian motion Understanding liquids and gases Changing state Understanding evaporation Exploring thermal expansion. Making sense of models 	 Understanding magnetic fields Investigating static charge Explaining static charge Understanding electric fields Applying what we know about electrostatics Exploring gravity on Earth Applying our understanding of gravity to space travel 	 Understanding the importance of plants Exploring how plants make food Looking at leaves Exploring the role of stomata Investigating photosynthesis Exploring the movement of water and minerals in plants 	 1.Exploring acids Exploring alkalis Using indicators 2.Using universal indicator Exploring neutralisation Explaining neutralisation 3.Understanding salts Exploring the reactions of acids with metals Exploring the reactions of acids with carbonates 4.Investigating the effectiveness of antacids 	 1.Finding out the history of magnets Exploring magnetic materials 2.Testing the strength of magnets Describing the Earth's magnetic field 3.Investigating electromagnetism Using electromagnetism 4.Exploring D.C. motors Investigating batteries 5.Describing electric circuits Energy in circuits 6.Explaining resistance 	

	 3. Exploring problems with the skeletal system Understanding how our muscles get energy 4. Investigating respiration Analysing adaptations for respiration 5. Interrogating links between respiration and body systems Exploring respiration in sport 6. Understanding anaerobic respiration Investigating fermentation 7. Comparing aerobic and anaerobic respiration 	 4. Explaining density of solids and liquids Explaining the density of gases 5. Explaining concentration and pressure Exploring diffusion 6. Conserving mass Deciding between physical and chemical changes 7. Explaining the properties of mixtures. Using particle models 	 4. Exploring pressure on a solid surface Calculating pressure 5. Exploring pressure in a liquid Explaining floating and sinking 6. Exploring pressure of a gas Working with pressure 	Investigating the importance of minerals to plants Making food differently 4. Transferring energy Exploring the importance of insects Looking at other examples of interdependence 5. Interacting with the environment Keeping a balance 6. Understanding the effects of toxins in the environment Living together	Understanding the importance of acids and alkalis 5.Exploring combustion Understanding combustion and the use of fuels 6.Exploring the effects of burning Understanding acid rain	Investigating factors affecting resistance 7.Explaining circuits using models
		1	Ourriculum Pla	•		
	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Weekly	Variation and Inheritance	Obtaining Useful Materials	Motion on Earth and in Space	Our Health and the Effects of	Using our Earth Sustainably	Waves and Energy Transfer
focus Core Knowledge, Skills and Concepts	 1.Exploring differences 2.Looking closer at variation Exploring the causes of variation 3.Learning about selective breeding Finding out how organisms survive 4.Exploring why siblings are different Looking inside the nucleus 5.Extracting DNA Exploring human chromosomes 6.Passing on genes Looking at cloning 7.Learning about extinction 	 1.Obtaining metal ores Decomposing metal carbonates 2.Displacement reactions Using carbon to extract iron 3. Using carbon to extract other metals Explaining issues with metal extraction 4.Understanding exothermic reactions Comparing endothermic and exothermic reactions 5.Explaining ceramics and their properties Matching properties of ceramics to their uses 6.Explaining natural polymers Using man-made polymers Explaining natural composites 7.Using metal and ceramic- based composites Using plastic-based composites 	 1.Drawing a distance-time graph Explaining a distance-time graph 2.Describing relative motion Understanding equilibrium 3.Exploring equilibrium Understanding a gravitational field 4.Applying ideas about gravitational fields Looking at motion in the Solar System 5.Describing stars and galaxies Explaining the effects of the Earth's orbital motion 6.Measuring distances in the Universe 	Drugs 1.Exploring types of drugs. Understanding the impact of smoking 2.Considering the dangers of cannabis Understanding the effects of alcohol 3.Understanding the effects of other drugs Exploring addiction 4.Understanding how diseases are spread Exploring the body's defences 5.Exploring microbes Investigating the growth of bacteria 6.Understanding antibiotics Understanding vaccination	 1.Understanding our atmosphere Exploring the effects of human activity 2.Understanding the global warming debate Understanding how carbon is recycled 3.Exploring damage to the Earth's resources Considering the importance of recycling 4.Understanding the structure of the Earth Exploring igneous rocks 5.Studying sedimentary rocks Using metamorphic rocks 6.Understanding the rock cycle 	 1.Making waves Exploring light waves 2.Explaining properties of light waves Exploring the ray model 3.Understanding energy transfer by light Exploring coloured light 4.Understanding fuels and energy Explaining conduction and radiation 5.Quantifying energy transfers

Year 10 Curriculum Planning – Science

	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Weekly	Unit 2 – Chemistry and our	Unit 3 – Energy and Our	Unit 4 – Biology and our	Unit 2 – Chemistry and our	Unit 3 – Energy and our universe	Unit 4 – Biology and our
_	Earth (Investigate chemical	universe (Understand	environment (investigate the	Earth (Investigate the factors	(Know how electrical energy	environment (Investigate the
focus	reactivity and bonding)	ionising radiation, its uses	relationships different	involved in the rate of	produced from different sources are	relationships different organisms
	In this unit you will:	and sources)	organisms have with each	chemical reactions and the	transferred to homes and industry)	have with each other and
			other and their environment)			

ce of	Investigating factors affecting resistance 7.Explaining circuits using models
ind the	
rning	

Coro	A investigate chemical	In this unit you will:	In this unit you will:	factors affecting the earth's	In this unit you will:	In this unit you will:
Core	reactivity and bonding	A understand ionising	A investigate the relationships	environment)	A understand ionising radiation, its	A investigate the relationships that
Knowledge,	B investigate how the uses of	radiation, its uses and	that different organisms have	In this unit you will:	uses and sources	different organisms have with each
	chemical substances depend	sources	with each other and with their	A investigate chemical	B know how electrical energy	other and with their environment
Skills and	on their chemical and physical	B know how electrical energy	environment	reactivity and bonding	produced from different sources can	B demonstrate an understanding of
Concepts	properties	produced from different	B demonstrate an	B investigate how the uses of	be transferred through the National	the effects of human activity on the
'	C investigate the factors	sources can be transferred	understanding of the effects of	chemical substances depend	Grid to homes and industry	environment and how these effects
	involved in the rate of	through the National Grid to	human activity on the	on their chemical and	C know the components of the Solar	can be measured
	chemical reactions	homes and industry	environment and how these	physical properties	System, the way the Universe is	C explore the factors that affect
	D understand the factors that	C know the components of	effects can be measured	C investigate the factors	changing and the methods we use to	human health
	are affecting the Earth and its	the Solar System, the way the	C explore the factors that	involved in the rate of	explore space.	
	environment	Universe is changing and the	affect human health	chemical reactions		1. How fertilisers affect ecosystems
		methods we use to explore		D understand the factors that		Pesticides and ecosystems
		space.		are affecting the Earth and its	1. Power- The National Grid,	
	1Atoms and atomic structure		1. Variation	environment	Transformers	2. Pollution indicators Lichen,
	and the periodic table	1. Ionising radiation				Freshwater shrimps and algae
			2. Evolution		2. A journey into our solar system	
	2. Types of bonding	2. Radioactive decay and half		1. Rates of reaction –	The Universe, solar system	3.Reducing the effects of pollution
		life	3. Interdependence	Concentration, pressure and	and stars	
	3 Group 1 and Group 7 –			surface area.		4. Infectious disease diseases
	Properties and trends	3. Uses of ionising radiation	4. Classification and Keys		3. Optical Telescopes and Other	
				2 Rates of reaction –	Telescopes	5. Vaccination and Antibiotics
	4. Physical properties and uses	4. Nuclear fission	5. Agriculture and ecosystems	Temperature of catalysts		
	of chemicals, word equations				4.Space Telescopes and Space	6. Lifestyle, environment and
	and chemical equations	5. Safety in nuclear reactors	6. Transportation and	3. Industrial Processes - Yield	Probes and Robots	diseases
			ecosystems	and atom economy		
	5. Properties of ionic and	6 Nuclear Fusion			5. The changing universe - Waves of	7. Physical activity keeps the body
	covalent substances			4 Our changing atmosphere	the EM Spectrum	healthy
		7. Investigating electrical		and oceans	Red shift	
	6. Physical and chemical	circuits		, _, _,		
	properties, Fractional			5. The effect of human	6. Cosmic Microwave Background	
	Distillation Suitability of			activity	Radiation, The Death of Stars	
	substance for their uses					
				6. Sustainable development –	7 The origin of the universe:	
	7. Concentration investigation			choice and solutions	The Big bang	
	Particles size investigation					

Year 11 Curriculum Planning – Science

	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Weekly	Unit 1 - Principles of applied	Unit 1 – Principles of applied	Unit 1 – Principles of applied		Revision sessions	
	science	Science	Science	Teacher to analyse pupil data		
focus				and assess which units' pupils	Intervention sessions	
	In this unit pupils will:	1. Atomic structure, Isotopes	1. Energy and it's uses	need to complete/achieve a		
	explore cells, organs and	and relative atomic mass	2. Energy transformations and	higher grade.		
Core	genes, explore the roles of the	2. The periodic table,	transfers			
Knowledge,	nervous and endocrine	Electronic configurations	3.Thermal energy transfer.	Unit 2 – Chemistry and our	Final Exam – BTEC LEVEL 1 /2	
	systems in homeostasis and	3. Elements, Compounds and	Measuring energy	Earth	Principles of Applied Science	
Skills and	, communication, explore	Mixtures	4.Energy for everything,	Unit 3 – Energy and our		
Concente	atomic structure and the	4.Neutralisation reactions	sources of renewable energy	universe		
Concepts	periodic table, explore	5. Acids and Salts, Equations	5. Wave Characteristics	Unit 4 – Biology and our		
	substances and chemical	for neutralisation reactions	Electromagnetic Spectrum and	environment	Recap on learning	
	reactions, explore the		its uses		Completing missing units (if any)	

importance of energy stores,	6 Acids and metals, acids and	<u>6. Assessment</u>	This information should be	Signing paperwork ready to be sent
energy transfers and energy	Carbonates	Mock exam past paper taken	included in T&L files	to the examiners.
transformations, explore the	7. Hazards of acids and bases	from Pearson's		
properties and applications of				
waves in the electromagnetic				
spectrum.				
1. Cells – Structure and				
function				
2. Specialised cells				
3.Organs an organ system				
4. DNA and Chromosomes				
5 Monohybrid inheritance				
6.Homostasis, with examples				
7. How nerves carry				
information				
		ENDEA Fede	VOUR eration	