

Upper Key Stage 2

Coverage

	Art	Design, Technology and Innovation	Geography	Health and Wellbeing	History	ICT & Computing	International	Music	Physical Education	Science
Coverage	100%	100%	100%	58%	100%	19%	92%	67%	73%	91%
Knowledge	100%	100%	100%	60%	100%	0%	100%	100%	33%	89%
Skill	100%	100%	100%	0%	100%	30%	75%	78%	75%	95%
Understanding	100%	100%	100%	67%	100%	0%	100%	25%	100%	89%

Subject Timings

	Art	Design, Technology and Innovation	Geography	Health and Wellbeing	History	ICT & Computing	International	Music	Physical Education	Science
Hours	36.0	51.0	69.0	30.0	90.0	4.0	59.0	14.0	16.0	170.0
Weeks	4.50	6.38	8.63	3.75	11.25	0.50	7.38	1.75	2.00	21.25

Covered Learning Goals

Learning Goals

[K]	Knowledge
[S]	Skill
[U]	Understanding

	Active Planet	Bright Sparks!	Chocolate	Explorers And Adventurers	Feel The Force!	Footprints From The Past	How Humans Work	Land, Sea And Sky	Let's Plant It!	Making Waves!	Material World	Scavengers and Settlers	Shake It!	The Nature Of Life	Treasure	Vanishing Rainforests
Art																
[S]																
[S]																
[S]																
[U]																
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Design, Technology and Innovation																
[K]																
[S]																
[S]																

Learning Goals

K	Knowledge
S	Skill
U	Understanding

	Active Planet	Bright Sparks!	Chocolate	Explorers And Adventurers	Feel The Forest!	Footprints From The Past	How Humans Work	Land, Sea And Sky	Let's Plant It!	Making waves!	Material World	Scavengers and Settlers	Shake It!	The Nature Of Life	Treasure	Vanishing Rainforests
S																
S	2.04 Be able to articulate how each design meets the identified needs															
S	2.05 Be able to use modelling and testing to explore parts of a design															
S	2.06 Be able to produce a final design proposal identifying appropriate materials															
S	2.07 Be able to list materials, tools and techniques needed for production															
S	2.08 Be able to use appropriate tools and techniques independently															
K	2.09 Know how to avoid the risks associated with using tools and sharing spaces															
S	2.10 Be able to compare their design and product explaining any differences and suggesting improvements															
U	2.11 Understand that designers have a responsibility to consider issues of waste when designing products															
S	2.13 Be able to adapt and/or combine others' products for a new creation															
S	2.15 Be able to design, make and test combinations of food items.															
Geography																
S	2.01 Be able to create maps and plans using symbols															
S	2.02 Be able to interpret maps of familiar and unfamiliar places, including digital maps															
S	2.03 Be able to use a variety of sources to gather geographical information															
S	2.04 Be able to identify relevant data to answer questions															
S	2.05 Be able to evaluate the effectiveness of research tools and instruments and suggest improvements															
K	2.06 Know about the weather and climatic conditions in two contrasting countries and how they affect the environment and the lives of people living there															
U	2.07 Understand that a variety of geographical factors can influence weather and climatic conditions															
K	2.08 Know how the structure of the earth causes natural changes to the landscape															
U	2.10 Understand how humans prepare for and respond to natural disasters															
S	2.11 Be able to describe geographical features of the host continent															
K	2.12 Know about similarities and differences between different environments and industries within the host country															
S	2.13 Be able to describe human activities that can cause or reduce environmental issues															
U	2.14 Understand how people's quality of life is impacted by local geographical features															
Health and Wellbeing																
K	2.01 Know that there are commonly available substances that can influence our behaviour that can be classified in different ways															
K	2.03 Know that my body is growing and changing in different ways and that some of these changes are part of growing up															
U	2.04 Understand that growing and changing brings increasing responsibility															
U	2.05 Understand the impact of changes that may improve health and wellbeing															
U	2.07 Understand friendship and how it is mutually built and maintained															
K	2.08 Know the correct terminology for private body parts and reproductive organs															
K	2.09 Know some of the factors that contribute to risk or endangering safety															
K	2.13 Know that emotions can be managed to support learning															
K	2.14 Know that neuroscience is helping us to understand more about the brain															

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U	2.19 Understand that money comes from different sources and can be used for different purposes, including saving															
History																
S	2.01 Be able to formulate questions about events from the past															
U	2.02 Understand that there are different accounts of the same event															
S	2.03 Be able to select and record relevant information including multiple sources															
K	2.04 Know that historians study an artefact within its historical context															
K	2.05 Know about the significant events, dates and features of past societies															
K	2.06 Know that there is a significant division in how we organise time called year zero															
S	2.07 Be able to organise events and societies chronologically															
S	2.08 Be able to suggest reasons for particular events and changes															
S	2.09 Be able to describe results/consequences of historical events, situations															
K	2.10 Know about similarities and differences between past and present lifestyles															
U	2.11 Understanding that there are still mysteries around how ancient civilisations used technology															
U	2.12 Understand that multiple causes contribute to change															
S	2.13 Be able to give an opinion on the most significant contributor to change															
K	2.14 Know the history of people and/or places they have a connection with															
ICT & Computing																
S	2.09 Be able to use a search engine to find required information															
S	2.10 Be able to fact check by cross-referencing with more than one source															
S	2.11 Be able to combine images, text and audio to effectively communicate to an audience															
International																
K	2.01 Know that people in different countries have different traditions, values and ways of living															
S	2.02 Be able to research commonalities between different places and cultures															
U	2.03 Understand why individuals may choose to migrate															
U	2.05 Understand that people have rights and responsibilities that differ depending on their role in society															
U	2.06 Understand that people can have an impact on places even when they are not there															
S	2.07 Be able to reflect on their personal contribution to collective action															
S	2.08 Be able to associate cause and effect related to global events and/or issues															
U	2.10 Understand that they can adopt behaviours to promote the responsible use of resources															
U	2.11 Understand that valuing diversity is a foundation to equal opportunities															
K	2.12 Know about organisations that help others															
U	2.13 Understand there are different responsibilities in the groups to which individuals belong															
Music																
S	2.02 Be able to maintain their part within an ensemble performance															

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S	2.03 Be able to offer an appropriate response to musical stimuli															
S	2.04 Be able to perform/recreate from symbolic or staff notation															
S	2.07 Be able to manipulate musical elements to communicate a given idea															
K	2.08 Know that musical notation indicates how sounds should be played															
S	2.09 Be able to read and interpret the basic principles of staff notation															
S	2.10 Be able to identify a broad range of musical elements															
K	2.11 Know the names of the instrumental families and some of their characteristics															
S	2.14 Be able to appraise the effectiveness of compositions and performances															
U	2.15 Understand that music is used for a variety of purposes															
Physical Education																
S	2.02 Be able to interpret an aural stimulus through expressive movement															
K	2.03 Know why we prepare the body for physical activity															
U	2.04 Understand the importance of warming up before physical activity															
U	2.05 Understand that a range of physical activity is good for their health															
U	2.09 Understand that hand-eye/foot-eye coordination can improve performance															
S	2.10 Be able to demonstrate running and jumping techniques															
U	2.12 Understand that changing rules within a game may impact on the success of the game															
S	2.13 Be able to accurately send and receive a variety of objects															
S	2.14 Be able to apply a range of skills in small game situations															
S	2.15 Be able to fulfill given roles within small group and team games															
S	2.16 Be able to demonstrate the principles of fair play															
Science																
S	2.01 Be able to suggest ways of collecting evidence in response to a scientific question															
U	2.03 Understand the importance of collecting scientific evidence through observation and testing															
S	2.04 Be able to ask scientific questions															
S	2.05 Be able to connect scientific investigations to real life															
S	2.06 Be able to plan an investigation changing only one independent variable															
S	2.07 Be able to make informed predictions															
S	2.08 Be able to identify potential risks in a planned investigation															
S	2.09 Be able to make and record observations and take formal measurements															
S	2.10 Be able to describe observations and results identifying possible patterns															
S	2.11 Be able to compare results to predictions and draw conclusions															
S	2.12 Be able to record and describe the method and results in a variety of ways.															

Learning Goals

K Knowledge
S Skill
U Understanding

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S	2.13 Be able to compare investigations and results identifying possible anomalies															
K	2.14 Know about the functions of skeletons and muscles in humans and some other animals															
S	2.15 Be able to describe the process of digestion															
K	2.16 Know about the functions of the major parts of a plant															
K	2.17 Know how the parts of a plant may change over time															
K	2.18 Know the lifecycle of various plants															
K	2.19 Know that a key difference between non-living and living things is that living things grow and reproduce															
S	2.20 Be able to sort animals into vertebrates and invertebrates															
K	2.21 Know that the sun is the source of energy in all food chains															
S	2.22 Be able to draw diagrams to illustrate simple food webs and chains in an ecosystem															
K	2.23 Know how space and place impact on the health of living things															
U	2.24 Understand the positive and negative impacts humans have on other living things															
U	2.25 Understand how animals and plants are physically suited to particular environments															
K	2.27 Know that there are physical similarities and differences between themselves and other people															
K	2.28 Know the role of the different nutrients in the body															
U	2.29 Understand the interdependence between all living things															
K	2.30 Know a range of testable properties															
S	2.31 Be able to compare common materials and objects and their properties															
U	2.32 Understand that different materials are suited to different purposes															
K	2.33 Know that some materials conduct heat more effectively than others															
S	2.39 Be able to compare solids, liquids and gases															
K	2.40 Know that some changes are reversible and some are irreversible															
K	2.41 Know that some substances dissolve in liquids and others do not															
S	2.42 Be able to separate insoluble solids from liquids															
K	2.43 Know that heating or cooling can bring about a change of state															
U	2.48 Understand that day and night are caused by the Earth spinning on its own axis															
K	2.55 Know that heat, light, sound and movement are evidence of energy transfer taking place															
K	2.56 Know that materials conduct heat differently to each other depending on what they're made of															
S	2.57 Be able to give reasons why we should save/ conserve electricity															
K	2.58 Know that electricity is something which is generated															
K	2.59 Know the names of the components and the related symbols in a circuit															
S	2.60 Be able to use electrical circuits to investigate the conductivity of various materials															
K	2.65 Know about the principles of magnets and how to test materials for magnetic properties															
K	2.67 Know how sounds are changed by altering the nature of vibrations															

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U																
K																
S																
K																
K																
S																
U																
K																

Missed Learning Goals

Learning Goals

K	Knowledge
S	Skill
U	Understanding

	Health and Wellbeing
K	2.02 Know what is acceptable or unacceptable in relationships and how to respond to uncomfortable situations
S	2.06 Be able to select the most appropriate strategy for managing a range of social situations
K	2.10 Know that some aspects of our identity are consistent while others may change
U	2.12 Understand that there are different ways to improve learning
S	2.15 Be able to apply metacognitive strategies and reflect on their effectiveness
K	2.16 Know what a digital footprint is
K	2.17 Know that the internet contains images and videos that are digitally altered and it is hard to tell the difference between what is real and what is fake
U	2.18 Understand that we don't communicate anything online that we wouldn't tell anyone face to face
ICT & Computing	
S	2.01 Be able to test code and make improvements
S	2.02 Be able to use sequences of instruction to achieve specific outcomes
U	2.03 Understand that programs respond to input to produce an output
K	2.04 Know that a program is made up of one or more algorithms written in code
S	2.12 Be able to select an appropriate tool to collect and record required information
S	2.13 Be able to create graphs/charts using digital tools/software.
U	2.14 Understand that we should recognise or cite when using others' work
S	2.15 Be able to manage and organise files
U	2.17 Understand that some digital environments are controlled while others are open

Learning Goals

K	Knowledge
S	Skill
U	Understanding

U	2.18 Understand that information online is permanent and can be saved and shared by others
S	2.19 Be able to use digital tools to explore real and imaginary situations
K	2.20 Know which tools are permissible at different ages for communication locally and globally
S	2.21 Be able to creatively use software for a particular purpose
International	
S	2.04 Be able to articulate the connection between nationality and identity
Music	
S	2.01 Be able to sing complex songs with expression and accuracy
U	2.05 Understand that musical elements can be combined and manipulated to create varied effects
S	2.06 Be able to compose and manipulate ostinatos/patterns on instruments within a given framework
U	2.12 Understand how music can drive other kinds of performance e.g. dance
U	2.13 Understand that music may have common elements because of where and when it was created
Physical Education	
S	2.01 Be able to demonstrate recognised gymnastics movements and balances in a sequence
K	2.11 Know the techniques that increase the chances of success in track events
S	2.17 Be able to use their arms and legs to propel themselves through the water
K	2.18 Know the principles of water safety
Science	
K	2.49 Know that the Moon appears to change shape over the course of a month and is repeated every month
K	2.50 Know that the Sun is a star at the centre of our solar system
K	2.51 Know that seasons are caused by the combination of Earth's orbit around the sun and the tilt of its axis
U	2.52 Understand that the Earth is part of a system of planets that orbit around the same star
S	2.80 Be able to identify simple machines in their environment.