

Learning Goals

K	Knowledge
S	Skill
U	Understanding

		900 CE	Art: Create from Waste	Art: In the environment	Bake It!	Being Human	Brainwave: Metacognition	Brainwave: The Brain	Building A Village	Champions For Change	Earth as an Island	Existing, Endangered, Extinct	Fairgrounds	Full Power!	Learning Critically Online	Mission To Mars	Music: African Rhythms	Music: Ensemble Play & Comp	Roots, Shoots And Fruits	The Great, The Bold And The B
S	3.02 Be able to use and interpret globes, images and maps including identifying differences in scale, including digital maps																			
S	3.03 Be able to collect data using a variety of research tools and instruments																			
S	3.04 Be able to interpret data in order to draw conclusions																			
S	3.05 Be able to evaluate research tools and instruments, identifying their limitations and suggesting improvements																			
K	3.06 Know that the weather and climatic conditions in places is influenced by different geographical factors																			
U	3.07 Understand that weather and climatic conditions bring both threats and opportunities including those of an economic nature																			
K	3.08 Know different natural geographical processes (including non-tectonic) which cause the landscape to change																			
U	3.10 Understand that the impact of changes caused by natural geographical processes can be reduced																			
S	3.11 Be able to name and describe geographical features of the earth																			
K	3.12 Know how different environments drive different types of economic activity																			
S	3.13 Be able to identify geographical issues caused by the imbalance between production and consumption																			
U	3.14 Understand the role different organisations play in improving the quality of life for people in different places																			
Health and Wellbeing																				
K	3.01 Know about the various restrictions on substances such as medicines, drugs and alcohol																			
K	3.02 Know that individuals can communicate their preferred level of intimacy in any relationship																			
K	3.03 Know that puberty causes physical, social and emotional changes																			
U	3.04 Understand that self-regulation strategies can support a positive response to the changes that take place during puberty																			
U	3.05 Understand that people choose different ways to support health and wellbeing																			
S	3.06 Be able to identify when a strategy to reduce stress and improve wellbeing is needed and act accordingly																			
U	3.07 Understand how to develop and maintain positive relationships																			
K	3.08 Know the different stages for producing a new human being from fertilisation through gestation to birth																			
K	3.09 Know that peer pressure is an influence on actions that may increase risk or danger to ourselves and others																			
K	3.10 Know that some aspects of our identity are very central to who we are whereas others are less important and may change depending on the situation																			
U	3.12 Understand that Knowledge, Skills and Understanding require different ways of learning																			
K	3.13 Know that stress can inhibit learning																			
K	3.14 Know that neuroeducational research combines scientific and learning theory																			
S	3.15 Be able to select the most effective metacognitive strategies to improve their own learning																			
K	3.16 Know that anything that is posted online is permanent																			
K	3.17 Know that people and events represented online may not reflect reality																			
U	3.18 Understand the risks associated with sharing information about themselves online																			
U	3.19 Understand that how people choose to spend money is influenced by needs and wants																			
History																				
S	3.01 Be able to formulate questions related to different perspectives of the past																			
U	3.02 Understand why accounts of the same event may differ																			
S	3.03 Be able to analyse the viewpoint and resulting bias in historical sources																			
K	3.04 Know how historians build inferences about the past based on evidence																			
K	3.05 Know about the features of particular periods and societies																			
K	3.06 Know that the same period or event can be labelled in more than one way																			
S	3.07 Be able to classify and organise events and societies both chronologically and regionally																			
S	3.08 Be able to infer reasons for historical events, situations and changes																			
S	3.09 Be able to explain results/consequences of historical events, situations																			
K	3.10 Know how ideas, beliefs and attitudes in the past influence the present																			
U	3.11 Understand ancient and modern technological developments and their impacts																			
U	3.12 Understand how multiple causes contribute to a change																			
S	3.13 Be able to identify the 'trigger' that led to change and development																			
K	3.14 Know how the history of one country may directly impact another																			
ICT & Computing																				

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S	3.01 Be able to predict the outcomes of code																				
S	3.02 Be able to write and/or edit program code to achieve a specific outcome																				
U	3.03 Understand that most current applications are following human programming to produce a defined output or set of outputs																				
K	3.04 Know that algorithms need to be written in a specific programming language in order to function																				
U	3.06 Understand the hardware and software components that make up computer systems and how they work together																				
K	3.08 Know about some of the threats to computer systems and devices																				
S	3.09 Be able to frame search terms for effective gathering and interrogating of information																				
S	3.10 Be able to analyse the validity of online sources																				
S	3.11 Be able to apply the rules of graphic design to communicate information																				
S	3.13 Be able to use different software to create visuals of data																				
U	3.14 Understand that there are rules for using the work of others																				
S	3.15 Be able to save, retrieve, revise, manage and organise shared files and/or folders																				
U	3.17 Understand that there are different ways of protecting online identity																				
U	3.18 Understand that information shared online can be misinterpreted and reach unintended audiences																				
S	3.19 Be able to use digital tools to predict what might happen in real and imaginary situations																				
K	3.20 Know the risks associated with communicating locally and globally with others on digital platforms																				
International																					
K	3.01 Know that stereotypes give us a limited insight into other cultures																				
S	3.02 Be able to categorise similarities and differences between people and places																				
U	3.03 Understand why groups of people migrate																				
S	3.04 Be able to articulate the connection between nationality, culture and identity																				
U	3.05 Understand that there are outside influences on our rights and responsibilities																				
U	3.06 Understand how the decisions made in one country can impact on the lives of people in another																				
S	3.07 Be able to reflect on and evaluate the impact of personal or collective action that they have taken in response to a local or global issue																				
S	3.08 Be able to use tools, such as graphic organisers to analyze global events and/or issues																				
U	3.10 Understand the 'power of one' in responding to local and global issues																				
U	3.11 Understand that there is a need for organisations to promote equal opportunities																				
K	3.12 Know about international organisations																				
U	3.13 Understand some of the different forms of government																				
U	3.14 Understand how past events might have an impact on national or group identity																				
Music																					
S	3.01 Be able to sing songs with expression and audience awareness																				
S	3.02 Be able to fulfil their role when performing with others, following conductor cues																				
S	3.04 Be able to accurately perform/recreate musical phrases from staff notation and develop their own interpretation																				
U	3.05 Understand that musical elements can be combined and manipulated to create a specific effect																				
S	3.06 Be able to compose melodic phrases using a specified scale																				
S	3.07 Be able to manipulate musical elements when creating an extended composition																				
K	3.08 Know the names of different note values in standard notation																				
S	3.09 Be able to use principles of staff notation																				
S	3.10 Be able to discuss musical elements and the effects that they create																				
K	3.11 Know the classifications of families and the instruments attributed to them																				
U	3.12 Understand why sounds and instruments are chosen to communicate creative intent																				
U	3.13 Understand that there are features and conventions most associated with particular styles and genres																				
S	3.14 Be able to critique the effectiveness of performances																				
U	3.15 Understand that music can be linked to cultural identity																				
Physical Education																					
S	3.01 Be able to create sequences of aesthetic movement individually, in pairs and in groups																				

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S	3.02 Be able to use movement as a means of expression and communication																			
K	3.03 Know how to prepare the body for physical activity																			
U	3.04 Understand that there are different types of warm ups/cool downs that are suitable for different activities																			
U	3.05 Understand how physical activity impacts the body and mind/emotions																			
K	3.06 Know the importance of variety in developing a healthy lifestyle																			
S	3.08 Be able to demonstrate increasing stamina																			
U	3.09 Understand the importance of body control in sporting activities																			
U	3.12 Understand that roles within games have certain responsibilities but are also bound by rules/conventions																			
S	3.15 Be able to fulfill different roles in various team games																			
S	3.16 Be able to demonstrate sportspersonship																			
S	3.17 Be able to swim using a recognised stroke																			
K	3.18 Know the principles of safety for a range of water based activities																			

Science

S	3.01 Be able to choose an appropriate way (research review, simulation or experimentation) to investigate a scientific issue																			
U	3.03 Understand the limitations of scientific investigation																			
S	3.04 Be able to suggest testable questions																			
S	3.05 Be able to generate a hypothesis																			
S	3.06 Be able to plan a fair (test) investigation																			
S	3.07 Be able to make predictions related to the independent variable																			
S	3.08 Be able to conduct science investigations safely																			
S	3.09 Be able to take systematic and accurate measurements or observations using the most appropriate tools and conventions																			
S	3.10 Be able to analyse observations and results identifying those that are more or less significant																			
S	3.11 Be able to draw conclusions based on results and compare to original hypotheses and the real world																			
S	3.12 Be able to record the method and results including tables, graphs, diagrams and/or models																			
S	3.13 Be able to evaluate investigations for fairness and suggest improvements																			
K	3.14 Know the functions of the major internal and external parts of the human body																			
S	3.15 Be able to describe some of the connections between systems in the human body																			
K	3.16 Know about factors that affect the growth of plants																			
K	3.17 Know that photosynthesis requires carbon dioxide and results in the excretion of oxygen																			
K	3.18 Know about pollination, fertilisation and methods of seed dispersal																			
K	3.19 Know the seven characteristics which define living things																			
S	3.20 Be able to identify an animals' class according to its features, behaviours and lifecycle																			
K	3.21 Know the names of different types of consumers and the different levels within a food chain																			
S	3.22 Be able to predict the outcome of disruption to a food chain																			
K	3.23 Know the influences on the quality of life for living things																			
U	3.24 Understand the effects that changes in the environment may have on living things																			
U	3.25 Understand how plants and animals adapt their behaviour in particular environments																			
K	3.26 Know that there is evidence that animals have changed or become extinct over time																			
K	3.27 Know that some characteristics of humans and other animals are inherited from their parents																			
K	3.28 Know the possible impact of too much or too little of a particular nutrient																			
U	3.29 Understand the consequences of imbalance in an ecosystem																			
K	3.30 Know which properties to test to see if materials are suitable for a purpose																			
S	3.31 Be able to group and classify materials according to testable properties																			
U	3.32 Understand that changing some materials makes them more or less suitable for their purposes																			
K	3.33 Know that insulators are designed to maintain temperature, whether it be hot or cold.																			
K	3.36 Know that substances can be classified as acid or alkali and that acidity can be measured																			
K	3.37 Know that matter is made up of particles																			

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S	3.39 Be able to describe and illustrate the different arrangements of particles in solids, liquids and gases				●															
K	3.40 Know that there are different ways to reverse a selection of changes				●															
K	3.41 Know the basic factors that affect solubility				●															
S	3.42 Be able to separate simple mixtures				●															
K	3.43 Know that different amounts of heating or cooling are required to bring about a change of state				●															
K	3.45 Know that elements cannot be broken down into smaller parts				●															
U	3.48 Understand that the position of the sun in the sky appears to change during the course of a day and this is different over the course of a year				●															
K	3.50 Know that the Sun is the largest mass in our solar system, that has the strongest gravitational pull and keeps the planets in orbit.																			
K	3.51 Know that planets take different lengths of time and paths to orbit the Sun																			
U	3.52 Understand how the Earth meets the conditions for sustaining human life																			
S	3.53 Be able to use weight and mass correctly in experiments																			
K	3.54 Know that a force called gravity keeps things on the ground																			
K	3.55 know that transfer of energy is needed to generate electricity																			
K	3.56 Know that conductors and insulators affect the rate of heat energy transfer																			
S	3.57 Be able to compare a renewable and non-renewable way of producing electricity																			
K	3.58 Know that different appliances consume different amounts of energy to do different tasks																			
K	3.59 Know the names of types of circuit																			
S	3.60 Be able to draw and build series and parallel circuits																			
K	3.65 Know that bar magnets have two poles and that opposite poles attract																			
K	3.67 Know that sounds require a medium to travel through																			
U	3.68 Understand some of the risks associated with light and sound																			
K	3.69 Know that light travels in a straight line until it hits an object																			
S	3.70 Be able to predict how the shape of the shadow would change depending on the position of the light source relative to the object																			
K	3.71 Know that white light is a mixture of all of the colours in the visible spectrum																			
U	3.72 Understand why the eye changes in response to light and dark																			
K	3.73 Know the five possible effects a force can have																			
S	3.74 Be able to measure forces using a Newton meter																			
U	3.75 Understand how friction and air resistance impact on movement																			
K	3.76 Know the forces involved in the stretching and squashing of springs and elastic bands																			
K	3.77 Know that a fulcrum provides a pivot point																			
S	3.80 Be able to sort simple machines by how they work																			

Missed Learning Goals




Learning Goals

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ICT & Computing

S	3.12 Be able to collect information from non local sources
S	3.21 Be able to select appropriate hardware and software for a particular purpose

Physical Education

S	 3.10 Be able to demonstrate isolated examples of techniques used in track and field events
K	3.11 Know the techniques that increase the chances of success in field events
S	 3.13 Be able to apply appropriate sending and receiving techniques in games
S	 3.14 Be able to combine skills and strategies in a selection of games

Science

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K 3.49 Know the names of the phases of the Moon