










<p><b>SKIDDAW</b> YEAR A Topic</p>	<p><b>Climb Every Mountain!</b> (Geography focus)</p>	<p><b>Shine a Light</b> (science focus)</p>	<p><b>Electric Energy</b> (science focus)</p>	<p><b>Down the River to the Sea</b> (Geography focus) <b>How the Victorians Changed Penrith forever</b> (history mini topic)</p>	<p><b>The Great U S of A</b> (Hist/Geog focus)</p>	<p><b>Forces</b> (Science focus)</p>
<p>English Reading</p>	<p>See <b>Subject Based Progression</b> document for focus skills each term</p>					
<p>English Writing</p>	<p>See <b>Subject Based Progression</b> document for focus skills each term</p>					
<p>English - Texts to share</p>	<p>Why the Mountains Roared by Jess Butterworth  The Works poetry anthologies  The Everest Files by Matt Dickinson</p>	<p>The Little Mermaid by Hans Christian Anderson Translated by Naomi Lewis  The Works poetry anthology</p>	<p>The Little House on the Prairie books by Laura Ingalls Wilder  Black-Eyed Susan by Jennifer Armstrong  The Works poetry anthology</p>			
<p>Maths</p>	<p>Power Maths Scheme of learning Maths journaling (problem solving and investigation)</p>					
<p>Science</p>	<p> <b>Living Things and their Habitats</b></p> <ul style="list-style-type: none"> <li>Living things are classified into broad groups according to observable features (<i>binomial naming system</i>). Reasons for classifying.</li> <li><i>There are five Kingdoms of living things. Know the binomial naming System. Can use &amp; construct classification Keys.</i></li> <li><i>Know how to sample a habitat for species diversity (biodiversity). Measure species richness, abundance &amp; evenness. Measure abiotic factors over time.</i></li> </ul>	<p> <b>Light</b></p> <ul style="list-style-type: none"> <li>Light travels in straight lines from a light source (<i>Energy Transfer Model</i>) directly, reflects, goes through a material or is absorbed.</li> <li>Light travels in straight lines from a light source directly into the eye (<i>represent this using a light ray diagram</i>)</li> <li>Light travels in straight lines from a light source to an object and reflected into the eye (<i>represent using a light ray diagram</i>)</li> </ul>	<p> <b>Electricity</b></p> <ul style="list-style-type: none"> <li>Confidently draw a range of series circuits using symbols.</li> <li>Link the brightness of a bulb / volume of a buzzer to the number &amp; Voltage of cells used in the battery. <i>Measure Voltage.</i></li> <li>Explain changes in brightness / volume <i>using the Energy Transfer Model</i> (link to Voltage). Explain the action of a switch.</li> <li><i>Begin to explain component 'failure' by resistance to electrical flow (energy transfer out of the circuit as heat energy). Begin to</i></li> </ul>	<p> <b>Evolution and Inheritance</b></p> <ul style="list-style-type: none"> <li>Living things can produce identical offspring (<i>asexual</i>) but <i>sexual reproduction results in offspring that, although share inherited features, may vary (not identical) from their parents. Know some inherited features.</i></li> <li><i>This variation means that some individuals will have features better suited to a changing environment. These better features will be selected for by nature, and so, individuals that</i></li> </ul>		<p> <b>Forces</b></p> <ul style="list-style-type: none"> <li><i>Opposing forces can be in balance or unbalanced.</i></li> <li>Unsupported objects fall towards earth because of gravity force acting between earth and the falling object.</li> <li>Air resistance force (gas) water resistance force (liquid) and friction force (solid) act between moving surfaces.</li> <li>Levers, pulleys and gears allow a smaller force to have a greater effect (force multipliers).</li> </ul>

	<p><i>Manage/plan change to encourage biodiversity.</i></p> <ul style="list-style-type: none"> <li>• Micro-organisms include bacteria and fungi.</li> </ul>	<ul style="list-style-type: none"> <li>• <i>Know the angle of incidence is equal to the angle of reflection.</i></li> <li>• Explain the size and shape of a shadow knowing that light travels in straight lines (<i>represent using a light ray diagram</i>)</li> </ul>	<p><i>describe electrical flow as Current.</i></p>	<p><i>have them are more likely to survive.</i></p> <ul style="list-style-type: none"> <li>• <i>Natural selection</i> is the process where species adapt to their environment. It is the engine that drives evolution. Know how some species are adapted.</li> <li>• Fossil evidence shows how living things have changed over time.</li> </ul>		
Geography	<p>Compare the physical geography of local mountain ranges with the mountains ranges of Asia. Use statistics and data to compare rain fall, temperature and climate variations between the two locations. Impact of physical geography upon the land use and industry economics of the two locations. Local field work study to collect local economic / climate / industry data for the local area.</p>	<p>Study of rivers and use of natural resources to generate energy. Focus on hydroelectric power in Wales. Impact of climate on ability to harness natural resources for energy generation. Compare Wales with the local area. Climate zones and map work. Investigate how countries in Great Britain are interdependent whilst maintaining elements of independence. Local river study and fieldwork.</p>	<p>Compare and contrast human and physical geography of North America with Great Britain. Name and locate countries and cities in North America and focus on the economic and industrial comparisons of The United States with Great Britain.</p>			
History				<p><b>Victorians</b> Victorians an aspect or theme in history beyond 1066 (Impact of the Industrial Revolution upon society from 1800's to present day)</p>	<p><b>Mayan civilization c. AD 900;</b> A non-European society that provides contrasts with British history</p>	
PE	<p>Netball Football</p>	<p>Dance Quicksticks</p>	<p>Gymnastics Dodgeball</p>	<p>Tag Rugby Orienteering</p>	<p>Rounders Swimming</p>	<p>Athletics Cricket</p>
Art	<p>Watercolour painting Use great landscape artists to inspire watercolours of mountains/ animals</p> <p>Heaton Cooper and other local artists.</p>	<p>Digital media / pattern</p> <p>Wallpaper designs, repeat and alternate repeat, exploring colour change and orientation</p>		<p>Painting</p> <p>Working large and bold</p> <p>David Hockney water pictures</p>		<p>Painting</p> <p>Creating art in Native American styles</p> <p>Choose a style of drawing suitable for the work</p>
DT	<p><b>Food</b></p>		<p><b>Construction /control</b></p>		<p><b>Textiles</b></p> <ul style="list-style-type: none"> <li>• Choose from a range of stitching techniques.</li> </ul>	

	Design and make a healthy high energy bar for a mountain explorer.		Explore how circuits can make things move or sound etc. Using electricity design and make a burglar alarm or work a motor etc.		Native American clothing examples			
Music	Charanga Scheme of Learning Plays/concerts/festivals/competitions							
	Sing and perform	Read, play and perform	Compose and perform	Sing and perform	Read, play and perform	Compose and perform		
RE	<p><b>Judaism</b> Enquiry 1 - Are Rosh Hashanah and Yom Kippur important to Jewish children?</p> <p><b>Judaism</b> Enquiry 2 - What is the best way for a Jew to show commitment to God?</p>	<p><b>Judaism</b> Enquiry 2 - What is the best way for a Jew to show commitment to God?</p> <p><b>Age 9-10 Christianity</b> Is the Christmas story true?</p>	<p><b>Judaism</b> Enquiry 3 - How are sacred teachings and stories interpreted by Jews today?</p>	<p><b>Age 9-10 Christianity</b> How significant is it for Christians to believe that God intended Jesus to die?</p> <p><b>Buddhism</b> Enquiry 1 - What is the best way for a Buddhist to show commitment in their beliefs?</p>	<p><b>Buddhism</b> Enquiry 2 - What is the best way for a Buddhist to live a good life? Right living and intention?</p> <p><b>Humanism</b> Enquiry 1 - How do inspirational people impact on how Humanists live today?</p>	<p><b>Age 9-10 Christianity</b> What is the best way for a Christian to show commitment to God?</p> <p><b>Buddhism</b> Enquiry 3 - How are Buddhist teachings interpreted by believers?</p>		
Computing	Purple Mash							
	Computer Science Coding 6 weeks	Digital Literacy Online Safety 3 weeks	Information Technology Spreadsheets 5 weeks	Information Technology Data base 4 weeks	Computer Science Game creator 5 weeks	Information Technology 3D Modelling 4 weeks	Computer Science Concept Maps 4 weeks	Computer Science Using External Devices 6 weeks (optional)
French	Talking about us / School subjects	Time in the city	Healthy eating – going to market	Clothes	Out of this world	Going to the seaside / Language puzzle		
PSHE	Jigsaw - Being Me in My World	Jigsaw - Celebrating Difference	Jigsaw - Dreams and Goals	Jigsaw - Healthy Me	Jigsaw - Relationships	Jigsaw - Changing Me		
Important dates to note	-MacMillan coffee morning -Harvest	-Remembrance Day -Children in Need -Advent / Reverse Advent -Nativity	-Big garden bird watch -Chinese New Year -	-Lent World Book day - British Science Week Red Nose Day Easter	-Autism awareness month -SATS	-Sports Day -Transitions		

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SKIDDAW Year B Topic	The Vikings and Coming! (History focus)	Refugees (Geography focus)	Food Glorious Food (science focus)	Ancient Greece (history topic)	Our Precious Planet (Geog focus)	Earth and Space (Science focus)
English Reading	See <b>Subject Based Progression</b> document for focus skills each term					
English Writing	See <b>Subject Based Progression</b> document for focus skills each term					
English - Texts to share	Shield Maiden by Richard Denning The Unforgotten Coat by Frank Cotterel Boyce Garbage King by Elizabeth Laird The Works poetry anthology	Greek mythology Greek drama The Adventures of Odysseus by Hugh Lupton and Daniel Morden The Works poetry anthology		The Ancient Mariner by Coleridge The Silent Planets by Ray Bradbury The Works poetry anthology Shakespeare		
Maths	Power Maths Scheme of learning Maths journaling (problem solving and investigation)					
Science	<b>Properties and Changes of Materials</b>  <ul style="list-style-type: none"> <li>Compare and Group materials based on their properties. Give reasons (from evidence) for uses of these materials.</li> <li>A mixture is made up of 2 or more substances (particles mix). A solute (solid) dissolves in a solvent (liquid) to form a solution.</li> <li>A solution and other mixtures can be separated through evaporating, filtering, sieving <i>and chromatography</i>.</li> <li>Dissolving, mixing and changes in state are reversible changes.</li> <li>Some changes form new materials (compounds) through chemical reactions. These are irreversible reactions.</li> </ul>	<b>Animals Including Humans</b>  <ul style="list-style-type: none"> <li>Name the main parts of the human circulatory system. Describe the functions of the heart (structure), blood vessels (artery, vein &amp; capillaries) &amp; blood (components)</li> <li><i>Understand &amp; describe the double circulatory system of humans to describe the way water, nutrients &amp; oxygen are transported in animals.</i></li> <li>Know the impact of diet, exercise, drugs &amp; lifestyle on the way our bodies function.</li> </ul>		<b>All Living Things</b>  <ul style="list-style-type: none"> <li>Describe similarity/differences in the life cycles of mammals, amphibians, birds and insects. Compare &amp; contrast.</li> <li><i>Research life cycles of plants, invertebrates &amp; vertebrates within local habitats. Be able identify &amp; describe changes over time.</i></li> <li>Describe the life process of reproduction in plants &amp; animals. Sexual &amp; asexual.</li> </ul>	<b>Earth and Space</b>  <ul style="list-style-type: none"> <li>The sun, planets and moon(s) are spherical bodies. <i>Can describe the development of a heliocentric model of the solar system.</i></li> <li>Know the order of planets in our solar system. Can describe how planets rotate and orbit the sun.</li> <li>The Earth and other planets orbit the sun in the Solar System. Day and night are caused by the Earth's rotation (sun appears to move across the sky).</li> </ul> <p>The moon orbits the Earth. <i>Know the phases of the moon.</i></p>	

Geography	Study climate zones and impact upon population. Links with famine and refugees. Study economical / political situation in current war zones and the physical / human geographical factors that impact upon the journeys/routes taken by refugees and their focus for safety. Consider settlement choices including shanty towns / refugee camps.		Compare Great Britain with countries in Europe with a main focus on modern Greece. Data analysis around economic, industrial and physical features, climate, rainfall etc. Opportunity to study topological maps e.g underground London v Athens.		Study of climate zones around the world. Impact of the tropics / equator etc on climate and animal population. Consider impact of global warming / deforestation etc on wildlife v economic factors that drive them. Consider political views from different countries on their carbon footprint v economy.	
History	The Vikings and Anglo Saxons The Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor			<b>Ancient Greece</b> A study of Greek life and achievements and their influence on the western world		
PE	Football Netball	Dance Fitness (circuits)	Gymnastics Tennis	Tag Rugby Orienteering	Cricket Swimming	Athletics Rounders
Art	Sculpture Mod roc dragons for Viking boats: Use clay and other mouldable materials. • Add materials to provide interesting detail. Sculptures – dragons in the style of..	Digital media Digital art that conveys a message Art with a message Banksy Andy Warhol pop art	Drawing Use a choice of techniques to depict movement, perspective, shadows and reflection.	Collage Use ceramic mosaic materials and techniques to create Ancient Greek collages  Study a range of Ancient Greek mosaics Potters – in the style of	Painting	Printing Animals/ fish Build up layers of colours.  Create an accurate pattern, showing fine detail.  Use famous nature artworks such as Tiger, Tiger by Rousseau as inspirations Wallpaper designs
DT		<b>Construction</b> Design a structurally sound shelter with limited materials	<b>Food</b> Explore flavours and foods from a different culture. – Links with a Mexican restaurant		<b>Textiles</b> Use recycled clothing to design and make a space themed hat or item of fancy dress clothing	<b>Control</b> Use pulleys, gears and cams to create a moving planets model or a space craft with moving parts beyond

							wheels. Explore computer control or electronics to make it work.
Music	Charanga Scheme of Learning / Young Voices / Nativity						
	Sing and perform	Read, play and perform	Compose and perform	Sing and perform	Read, play and perform	Compose and perform	
RE	<p><b>Islam</b> Enquiry 1 - What is the best way for a Muslim to show commitment to G*d?</p> <p><b>Hindu Dharma (Sanatana Dharma)</b> Enquiry 1 - What is the best way for a Sanatani to show commitment to God?</p>	<p><b>Age 10-11 Christianity</b> Do Christian celebrations and traditions help Christians understand who Jesus was and why He was born?</p>	<p><b>Age 10-11 Christianity</b> Is anything ever eternal?</p> <p><b>Islam</b> Enquiry 2 - How is the Qur'an vital to Muslims today?</p>	<p><b>Age 10-11 Christianity</b> Is Christianity still a strong religion over 2000 years after Jesus was on Earth?</p>	<p><b>Hindu Dharma (Sanatana Dharma)</b> Enquiry 2 - How can Brahman be everywhere and in everything?</p>	<p><b>Islam</b> Enquiry 3 - Does belief in Akhirah (life after death) help Muslims lead a good life?</p> <p><b>Hindu Dharma (Sanatana Dharma)</b> Enquiry 3 - Do beliefs in Karma Samsara and Moksha help Sanatanis lead good lives?</p>	
Computing	Purple Mash						
	Computer Science Coding 6 weeks	Digital Literacy Online Safety 3 weeks	Information Technology Spreadsheets 5 weeks	Digital Literacy Blogging 5 weeks	Computer Science Text adventure 5 weeks	Computer Science Networks 3 weeks	Computer Science Understanding binary 4 weeks (optional)
French	Revisiting me / Telling the time / Everyday life	Homes and Houses	Playing and enjoying sport	Funfair and favourites	Café Culture	Performance time//Transition / Language Puzzle	
PSHE	Jigsaw - Being Me in My World	Jigsaw - Celebrating Difference	Jigsaw - Dreams and Goals	Jigsaw - Healthy Me	Jigsaw - Relationships	Jigsaw - Changing Me	
Important dates to note	-MacMillan coffee morning -Harvest	-Remembrance Day -Children in Need -Advent / Reverse Advent	-Big garden bird watch -Chinese New Year -	-Lent World Book day - British Science Week Red Nose Day	-Autism awareness month -SATs	-Sports Day -Transitions	

		-Nativity		Easter		
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