

Term	A1	A2	S1	S2	S1	S2
<b>Topic Title</b>	<b>Extreme Earth</b>	<b>We are Toymakers</b>	<b>The Land Before Time</b>		<b>Raging Rivers</b>	<b>Sunny Southend</b>
<b>Topic links/ Inspiration</b>	Rocks and Soils Ice Age Volcano – Clip from Volcano/Dante’s peak Clip from Twister Extreme weather	Letter from Zven the Toymaker. He needs help designing toys. Children use their own toys as inspiration.	Palaeontology Day Stoneage - Ironage Land before time Andy’s Adventures Walking with dinosaurs Stone Age Boy Cave Baby Stonehenge Visit from KIT Theatre		Map work Rivers around the world. Build a river and label features	Local History and knowledge Seafront Fieldwork
<b>Hooks and ‘Wow’ Moments</b>	Erupted a teacher made volcano Earthquake Drills	Received a letter from a toy maker Bring your own toy in Make your own toy Toy making day	Palaeontology day KIT theatre Visit Looking at real artifacts Making weapons Making Stonehenge from biscuits		Building a river first lesson for Working wall. Labelling features. Children becoming the river and going on its journey.	Folk music 2022- Meadowsong.
<b>Trips/ visitors</b>			KIT theatre company- Archeology day.			Saelife centre. Fieldwork on Southend beach
<b>Maths</b>	<i>Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables.</i>  <b>Place Value</b> Read and write numbers to at least 1000 in numerals and words. Partitioning of three digit numbers Find 10 or 100 more or less Compare and order numbers up to 1000 Solve number problems and practical problems involving these ideas  <b>Mental addition and subtraction</b> Addition and subtraction facts that bridge 10 Add and subtract numbers mentally, including: a three-digit number and ones, a three-digit number and tens, a three-digit number and hundreds.	Recall and use multiplication and division facts for the 3 multiplication tables.  <b>Addition and subtraction</b> Number bonds to 100. Written methods for addition and subtraction Inverse Commutative property Estimation of answers and inverse operations to check Solve problems, including missing number problems Add and subtract amounts of money Give change  <b>Geometry</b> Identify right angles Identify angles greater than or less than a right angle Recognise angles as turns	<b>Multiplication and division</b> Count from 0 in multiples of 4, 8, 50 and 100 Recall and use multiplication and division facts for the 3 and 4 multiplication tables. Mental methods for multiplication and division Solve problems  <b>Fractions (revision)</b> Recap on Fractions from Year 2  <b>Measures</b> Measure, compare, add and subtract lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) Perimeter of simple 2-D shapes	Recall multiplication facts and corresponding division facts in the 10, 5, 2, 4 and 8 multiplication tables, and recognise products in these multiplication tables as multiples of the corresponding number.  <b>Fractions and decimals</b> Count up and down in tenths Interpret and write proper fractions to represent 1 or several parts of a whole Find unit fractions of quantities Ordering fractions Equivalent fractions Add and subtract fractions with the same denominator, within 1. Solve fraction problems	<b>Multiplication and division</b> Calculate mathematical statements for multiplication and division including for two-digit numbers times one-digit numbers, using formal written methods  <b>Time</b> Tell and write the time from an analogue clock Tell and write the time from a 12 hour and 24-hour clock. Use Roman numerals from I to XII, Estimate and read time with increasing accuracy to the nearest minute. Vocabulary of time Seconds in a minute and the number of days in each month, year and leap year Compare durations of events	<b>Number</b> Related addition and multiplication facts using place value Divide 100 into 2,4,5 and 10 equal parts, and read scales/numbers lines marked in multiples of 100 with 2, 4, 5 and 10 equal parts.  <b>Geometry</b> Draw polygons Identify parallel and perpendicular sides. Make 3-D shapes using modelling materials. Recognise 3-D shapes in different orientations

	<b>Statistics</b> Interpret and present data in bar charts, pictograms and tables Solve one-step and two-step questions					
<b>English</b>	Dictionaries/thesaurus/reference books – extreme Earth technical vocabulary focus.  Narrative stories with familiar settings.  Non chronological report – Extreme Earth. Linked to volcanoes, tornadoes, hurricanes.	Instructions – making a to or game.  Performance poems - Christmas  Plays – Christmas	Adventure stories. Dinosaur link or Stone Age Boy.  Diaries – linked to life in the Stone Age, Bronze Age or Iron Age  Letters – to stone Age Boy or his friend.	Free-verse poetry  Explanation texts – food groups.	Narrative- Fairy stories/folk tales – Own choice.  Explanation texts – Science – How our garden grows or pollination	Rerecount- of trip to the Sealife centre.  Newspaper reports – link to narrative- eg write about the troll hiding under the bridge or how Red Riding hood got lost.
<b>Books</b>	Firework Maker’s Daughter by Phillip Pullman Escape Pompeii by Christina Balit Bear Grylls’ books – The Volcanoe challenge and The Earthquake Challenge	A Boy Called Christmas by William Haig	How to Wash a Woolly Mammoth by Michelle Robinson Stone Age Boy By Satoshi Kitamura	Stone Age Boy Stone age tales: The Great Cave by Terry Deary	Billy Goats Gruff Hansel and Gretel Little Red Riding Hood Atlas work	Local study books Local Folk tales Atlas work
<b>History</b>	Mount Vesuvius eruption in Pompeii Canvey Flood 1987 hurricane Hurricane Katrina 2005 Tsunami Boxing day 2004	History of toys How they have changed through time.links to materials.	Changes in Britain from the Stone Age to the Iron Age, including the Bronze Age. Evolution of Man Settlements Food Hunting Clothes Jewellery Weapons Farming Stonehenge			A local history study Seasides and how they have changed overtime.  Timeline of key events in a child's life
<b>Geography</b>	Locate where volcanoes are – link to name and locate countries  Tectonic plates The Equator Understand how volcanoes and earthquakes are formed and what causes them to create devastation.  Hurricanes and tornadoes.		Human Geography – why humans moved from place to place? Types of Settlement.		Features of a river Rivers around the world Aerial photographs of rivers looking at how different floodplains can be. Atlas work using the 8 figure compass points. Rivers in the UK.	Fieldwork on school trip Atlas work. Cities in the UK Counties in the UK Features of the coast

<b>Science</b>	<p>Rocks and Soils</p> <p>Compare different types of rocks Understand and explain the rock cycle.</p> <p>Know how fossils are formed.</p> <p>Recognise that there are different layers of soil.</p>	<p>Magnets and Forces</p> <p>Compare how things move on different surfaces.</p> <p>Recognise some forces need contact and some don't.</p> <p>Observe how magnets can attract or repel.</p> <p>Compare and group materials.</p> <p>Make predictions</p> <p>Know magnets have 2 poles.</p>	<p>Food and Our Bodies</p> <p>Know some animals have different skeletons.</p> <p>Name bones in a human skeleton.</p> <p>Name muscles and their uses. Bones</p> <p>Identify internal organs and their uses.</p> <p>Learn what is healthy Eating The need for a balanced diet.</p> <p>The main food groups and how much of each one we need to be healthy.</p>	<p>Space</p> <p>Scientific Enquiry unit</p>	<p>Light</p> <p>Recognise we need light to see. Know how it reflects on different surfaces.</p> <p>Recognise that light from the sun is dangerous.</p> <p>How shadows are formed.</p> <p>How shadows change.</p>	<p>Plants</p> <p>Identify and describe different parts of a plant.</p> <p>Know what plants need to live.</p> <p>Investigate how water is transported.</p> <p>Explore the life cycle of a plant.</p>
<b>Computing</b>	<p>Online Safety</p> <p>Touchtyping</p>	<p>Coding</p>	<p>Branching Databases</p> <p>Graphing</p>	<p>Simulations</p>	<p>Spreadsheets</p>	<p>Emailing</p>
<b>Art/ DT</b>	<p>Tornado in bottle Tornado scene using clay Volcano collage Sketching and planning</p>	<p>Design and making toys</p>	<p>Cave painting Stonehenge pictures Stone age jewellery Stonehenge models Making weapons</p>		<p>Monet pond paintings. The great wave off Kanagawa by the Japanese artist, Hokusai. Printing</p>	<p>Sketching and fieldwork. Van Gogh Sunflowers.</p>
<b>French</b>	<p>Core vocabulary</p>	<p>France</p>	<p>Animals</p>	<p>Ancient Britain</p>	<p>Fruits</p>	<p>Little Red Riding Hood</p>
<b>PSHE</b>	<p>Being Me in my world</p> <p>Who am I and how do I fit in?</p>	<p>Celebrating Difference</p> <p>Respect for similarity and difference. Anti bullying and being unique.</p>	<p>Dreams and Goals</p> <p>Aspirations, how to achieve goals and understanding the emotions that go with this.</p>	<p>Healthy Me</p> <p>Being and keeping safe and healthy.</p>	<p>Relationships</p> <p>Building positive, healthy relationships.</p>	<p>Changing Me</p> <p>Coping positively with change.</p>
<b>PE</b>	<p>Fundamentals</p> <p>Ball skills</p>	<p>Fitness</p> <p>Dodgeball</p>	<p>Dance</p> <p>Netball</p>	<p>Gymnastics</p> <p>Hockey</p>	<p>Picnic dance</p> <p>Tennis</p>	<p>Cricket</p> <p>Athletics</p>
<b>RE</b>	<p>Hinduism – Divali</p> <p>Would celebrating Diwali at home and in the community bring a feeling of belonging for a Hindu child?</p>	<p>Christianity – Christmas</p> <p>Has Christmas lost its true meaning?</p>	<p>Christianity – Jesus' Miracles</p> <p>Could Jesus heal people? Were these miracles or is there some other explanation?</p>	<p>Christianity – Easter and Forgiveness</p> <p>What is 'good' about Good Friday?</p>	<p>Hinduism – Hindu Beliefs</p> <p>How can Brahman be everywhere and in everything?</p>	<p>Hinduism – Pilgrimage to the River Ganges</p> <p>Would visiting the River Ganges feel special to a non-Hindu?</p>
<b>Music</b>						