

<p><u>History</u></p> <ul style="list-style-type: none"> • Describe how earthquakes and volcanoes have affected countries in the past. • Describe the efforts of Pliny and learn key facts about Vesuvius from the letters he wrote. • Sequence the events of the Vesuvius eruption and gather key information about life during this time. • Gain an understanding of life in an earthquake zone. 	<p style="text-align: center;">Year 6 Spring Term Topic: Volcanoes and Earthquakes</p> <div style="text-align: center;">  </div> <p><u>PE</u></p> <p>Gymnastics</p> <ul style="list-style-type: none"> • Develop flexibility, strength, technique, control and balance. <p>Net and Wall Games</p> <ul style="list-style-type: none"> • Play competitive games, modified where appropriate, and apply basic principles suitable for attacking and defending. 	<p><u>Computing</u></p> <p>Technology in our Lives</p> <ul style="list-style-type: none"> • Understand computer networks including the Internet; how they can provide multiple services, such as the World Wide Web; and the opportunities they offer for communication and collaboration.
<p><u>Geography</u></p> <ul style="list-style-type: none"> • Name the earth layers. • Know what about the effects of seismic waves. • Use maps, atlases, and globes to locate countries and describe features studied. • Make a seismograph and understand how seismic waves are recorded and measured. • Describe what is inside a volcano and understand the difference between magma and lava. • Identify plate tectonics on a world map. • Understand the effects of plate tectonics. • Understand key aspects of volcanoes • Describe the features of extinct, dormant and active volcanoes. 		<p>Handling Data</p> <ul style="list-style-type: none"> • Select, use and combine a variety of software (including internet services) to collect, analyse, evaluate and present information. <p>Programming</p> <ul style="list-style-type: none"> • Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts. • Use sequence, selection, and repetition in programs; work with variables and various forms of input and output. • Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.
<p><u>Art & Design</u></p> <ul style="list-style-type: none"> • Create Volcano art using the techniques of Nick Rowland. 		<p>e-Safety</p> <ul style="list-style-type: none"> • Support my friends to protect themselves and make good choices online, including reporting concerns to an adult. • Explain the consequences to myself and others of not communicating kindly and respectfully. • Explain the consequences of sharing too much about myself online.
<p><u>Design & Technology</u></p> <ul style="list-style-type: none"> • Make an earthquake proof structure using simple materials. • Create own exploding volcanoes 		
<p><u>Music</u></p> <ul style="list-style-type: none"> • Improvise and compose music for a range of purposes. 		

<p><u>Science</u></p> <p>Living Things and their Habitats</p> <ul style="list-style-type: none"> Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including microorganisms, plants and animals Give reasons for classifying plants and animals based on specific characteristics. <p>Animals, including Humans</p> <ul style="list-style-type: none"> Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function Describe the ways in which nutrients and water are transported within animals, including humans. 	<p><u>Maths</u></p> <p>Number/Calculation</p> <ul style="list-style-type: none"> Secure place value & rounding to 10,000,000, including negatives All written methods, including long division Use order of operations (not indices) Identify factors, multiples & primes Solve multi-step number problems Mathematics <p>Algebra</p> <ul style="list-style-type: none"> Introduce simple use of unknowns <p>Geometry & Measures</p> <ul style="list-style-type: none"> Confidently use a range of measures & conversions Calculate area of triangles / parallelograms Use area & volume formulas Classify shapes by properties Know and use angle rules Translate & reflect shapes, using all four quadrants <p>Data</p> <ul style="list-style-type: none"> Use pie charts Calculate mean averages <p>Fractions, decimals & percentages</p> <ul style="list-style-type: none"> Compare & simplify fractions Use equivalents to add fractions Multiply simple fractions Divide fractions by whole numbers Solve problems using decimals & percentages Use written division up to 2dp Introduce ratio & proportion 	<p><u>English</u></p> <p>Fiction</p> <ul style="list-style-type: none"> Narrative in a unfamiliar setting (Kensuke's Kingdom) Narrative with a horror setting. <p>Non-Fiction</p> <ul style="list-style-type: none"> Non Chronological Report Explanation <p>Poetry</p> <ul style="list-style-type: none"> Highwayman <p>Grammar</p> <ul style="list-style-type: none"> Brackets, dashes and commas to build parenthesis Use a wide range clause structures Synonyms and Antonyms Passive and active Subjunctive forms Ambitious vocabulary Expanded Forms Subordinating and main clauses Ellipsis Layout devices Colon, semi-colon and dash to mark two independent clauses Bullet points Verb forms Co-ordinating and subordinating conjunctions 	<p><u>RE</u></p> <p>Jesus, the Bread of Life</p> <ul style="list-style-type: none"> Know and think about the story of the Passover Know what happened at the Last Supper and reflect on what this means for us Understand the Penitential Rite and the Liturgy of the Word in the Mass and think about their participation in them Understand the Offertory, Consecration and Communion and reflect on our part in them Know that Jesus has chosen to stay with us in a special way in the Blessed Sacrament. <p>Jesus, Son of God</p> <ul style="list-style-type: none"> Know that Jesus' miracles led many to believe that he was the Son of God Understand why Jesus washed the disciples' feet and reflect on the meaning this has for us Know about the Passion and Death of Jesus and consider its importance for us Understand and reflect on what the Resurrection of Jesus means for us.
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