

Volatile Earth Topic Overview 2024-2025

	Nightingales	Kestrels	Falcons
Computing	<p>Term 3</p> <p>Internet research and communication</p> <ul style="list-style-type: none"> I can identify how word order affects search results. I can explain how searches return results. I can save and share webpages. I can identify the ways, and investigate how, we communicate online. I can explain how to stay safe when communicating online. I can explain why I need to be responsible online. <p>Term 4</p> <p>Presentation skills</p> <ul style="list-style-type: none"> I can plan a branching story. I can create slide templates and organise slides with hyperlinks. I can add theme, transitions and animation to a presentation. I can use action settings. I can insert audio and video. <ul style="list-style-type: none"> I can evaluate slide layout and make improvements. 	<p>Term 3</p> <p>3d modelling</p> <ul style="list-style-type: none"> I can draw 3D shapes. I can add detail to 3D drawings. I can add and manipulate 3D models. I can create a complex 3D model. I can create a 3D model of my own design. <p>Term 4</p> <p>Scratch animation</p> <ul style="list-style-type: none"> I can create appropriate animations for a story scene. I can structure and control the timing of events. I can control when objects need to be visible. I can sequence events to create a story narrative. I can add voice sounds to enhance an animated story. I can add interactive user features to a scene or story. 	<p>Term 3</p> <p>Internet research and communication</p> <ul style="list-style-type: none"> I can identify how word order affects search results. I can explain how searches return results. I can save and share webpages. I can identify the ways, and investigate how, we communicate online. I can explain how to stay safe when communicating online. I can explain why I need to be responsible online. <p>Term 4</p> <p>Presentation skills</p> <ul style="list-style-type: none"> I can plan a branching story. I can create slide templates and organise slides with hyperlinks. I can add theme, transitions and animation to a presentation. I can use action settings. I can insert audio and video. I can evaluate slide layout and make improvements.
History	Geography Focus	Geography Focus	Geography Focus
Geography	Volatile Earth Earthquakes and Volcanoes Earthquakes	Volatile Earth Earthquakes and Volcanoes Earthquakes	Volatile Earth Earthquakes and Volcanoes Earthquakes

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	<ul style="list-style-type: none"> • Describe and understand key aspects of earthquakes. • Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied. • Understand some of the effects of plate tectonics. • Understand effects of seismic waves. • Use maps, atlases, and globes to locate countries. • Gain an understanding of life in an earthquake zone. • Understand why and how engineers construct earthquake resistant buildings. • Experiment making an earthquake proof structure using simple materials. <p>Volcanoes</p> <ul style="list-style-type: none"> • Describe and understand key aspects of volcanoes • Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied. • Know about and name the layers of the Earth. • Understand how volcanoes are formed and why they erupt. • Describe and understand key aspects of volcanoes. • Use maps and atlases to locate countries. 	<ul style="list-style-type: none"> • Describe and understand key aspects of earthquakes. • Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied. • Understand some of the effects of plate tectonics. • Understand effects of seismic waves. • Use maps, atlases, and globes to locate countries. • Gain an understanding of life in an earthquake zone. • Understand why and how engineers construct earthquake resistant buildings. • Experiment making an earthquake proof structure using simple materials. <p>Volcanoes</p> <ul style="list-style-type: none"> • Describe and understand key aspects of volcanoes • Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied. • Know about and name the layers of the Earth. • Understand how volcanoes are formed and why they erupt. • Describe and understand key aspects of volcanoes. • Use maps and atlases to locate countries. 	<ul style="list-style-type: none"> • Describe and understand key aspects of earthquakes. • Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied. • Understand some of the effects of plate tectonics. • Understand effects of seismic waves. • Use maps, atlases, and globes to locate countries. • Gain an understanding of life in an earthquake zone. • Understand why and how engineers construct earthquake resistant buildings. • Experiment making an earthquake proof structure using simple materials. <p>Volcanoes</p> <ul style="list-style-type: none"> • Describe and understand key aspects of volcanoes • Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied. • Know about and name the layers of the Earth. • Understand how volcanoes are formed and why they erupt. • Describe and understand key aspects of volcanoes. • Use maps and atlases to locate countries.
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	<ul style="list-style-type: none"> Describe and understand key aspects of volcanoes including the build up to an eruption and the eruption itself. 	<ul style="list-style-type: none"> Describe and understand key aspects of volcanoes including the build up to an eruption and the eruption itself. 	<ul style="list-style-type: none"> Describe and understand key aspects of volcanoes including the build up to an eruption and the eruption itself.
Art	<p>Volatile Earth Earthquakes and Volcanoes Digital posters – linked with Computing lessons</p> <ul style="list-style-type: none"> use a sketchbook for collecting ideas and developing a plan for a completed piece of artwork Use taught technical skills to adapt and improve his/ her work Articulate how he/ she might improve their work using technical terms and reasons as a matter of routine Describe some of the key ideas, techniques and working practices of artists, architects and designers who he/she has studied 	<p>Volatile Earth Earthquakes and Volcanoes Digital posters – linked with Computing lessons</p> <ul style="list-style-type: none"> use a sketchbook for collecting ideas and developing a plan for a completed piece of artwork Use taught technical skills to adapt and improve his/ her work Articulate how he/ she might improve their work using technical terms and reasons as a matter of routine Describe some of the key ideas, techniques and working practices of artists, architects and designers who he/she has studied 	<p>Volatile Earth Earthquakes and Volcanoes Digital posters – linked with Computing lessons</p> <ul style="list-style-type: none"> use a sketchbook for collecting ideas and developing a plan for a completed piece of artwork Use taught technical skills to adapt and improve his/ her work Articulate how he/ she might improve their work using technical terms and reasons as a matter of routine Describe some of the key ideas, techniques and working practices of artists, architects and designers who he/she has studied
Design and Technology	<p>Volatile Earth Earthquakes and Volcanoes – textiles</p> <ul style="list-style-type: none"> Use research and criteria to develop products which are fit for purpose Use annotated sketches and prototypes to explain ideas Evaluate existing products and improve own work demonstrate that his/her design meets a range of requirements 	<p>Volatile Earth Earthquakes and Volcanoes – textiles</p> <ul style="list-style-type: none"> use research and develop criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups create prototypes to show his/her ideas use tools and materials precisely select from and use a wider range of materials and components, including 	<p>Volatile Earth Earthquakes and Volcanoes – textiles</p> <ul style="list-style-type: none"> Use research and criteria to develop products which are fit for purpose Use annotated sketches and prototypes to explain ideas Evaluate existing products and improve own work demonstrate that his/her design meets a range of requirements

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	<ul style="list-style-type: none"> complete a plan that shows the order and also what equipment and tools he/she needs use equipment and tools accurately 	<p>construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities.</p> <ul style="list-style-type: none"> evaluate his/her ideas and products against his/her own design criteria and consider the views of others to improve his/her work 	<ul style="list-style-type: none"> complete a plan that shows the order and also what equipment and tools he/she needs use equipment and tools accurately use research and develop criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups create prototypes to show his/her ideas use tools and materials precisely select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities. evaluate his/her ideas and products against his/her own design criteria and consider the views of others to improve his/her work
Science	Sources of sound Y4 Rocks including fossil formation and soil Y3	Earth in space Y5 Materials	Sources of sound Y4 Rocks including fossil formation and soil Y3 Earth in space Y5 Materials
PSHEE	Dreams and goals Healthy me	Dreams and goals Healthy me	Dreams and goals Healthy me
music	Volatile Earth Earthquakes and Volcanoes <ul style="list-style-type: none"> Be able to improvise and compose music for a range of purposes. <p>Use music and dance to enact the build up to the eruption and the eruption itself.</p>	Volatile Earth Earthquakes and Volcanoes <ul style="list-style-type: none"> Be able to improvise and compose music for a range of purposes. <p>Use music and dance to enact the build up to the eruption and the eruption itself.</p>	Volatile Earth Earthquakes and Volcanoes <ul style="list-style-type: none"> Be able to improvise and compose music for a range of purposes. <p>Use music and dance to enact the build up to the eruption and the eruption itself.</p>

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