

Year 5 - Summer 2



Our School Prayer
 This is our school,
 Let peace dwell here,
 Let the rooms be full of contentment.
 Let love abide here,
 Love of one another,
 Love of mankind,
 Love of life itself,
 And love of God.
 Let us remember
 That as many hands build a house,
 So many hearts make a school.

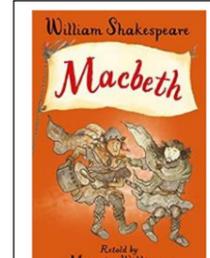
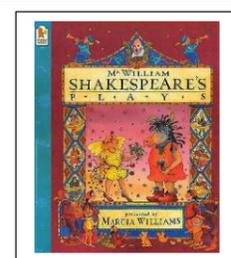
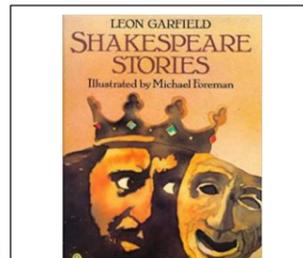
Active Planet

Geography – volcanoes and earthquakes



- Volcanoes are made when pressure builds up inside the earth.
- This affects the earth's crust causing magma to sometimes erupt through it.
- Active volcanoes have erupted in the last 10 000 years.
- Dormant volcanoes haven't erupted in the last 10 000 years but may erupt again.
- Extinct volcanoes aren't expected to

Lead Texts



Key Vocabulary

volcano	An opening in the Earth's crust from which lava, ash, and hot gases flow or are ejected during an eruption. Usually a cone shaped mountain.
magma	Hot fluid or semi-fluid material below or within the earth's crust from which lava and other igneous rock is formed on cooling.
lava	Lava is a liquid, that cools into rock, which is a solid.
crater	A volcanic crater is a roughly circular depression in the ground caused by volcanic activity. It is typically a bowl-shaped feature within which occurs a vent or vents.
Earth's crust	A thin shell on the outside of the Earth.
eruption	When magma is released from a volcano.
earthquake	A sudden violent shaking of the ground, typically causing great destruction, as a result of movements within the earth's crust or volcanic action.
plate tectonics	Earth's outer layer is made up of large, moving pieces called plates. All of Earth's land and water sit on these plates. The plates are made of solid rock.
epicentre	Part of the earth's surface directly above the focus of an earthquake.
seismic waves	A wave that travels through the Earth.

Science – Animals including humans.

Key vocabulary

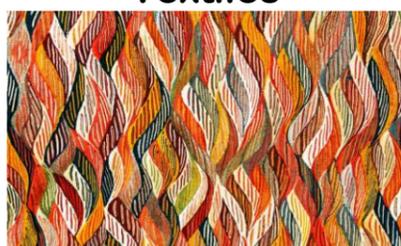
- | | |
|-------------|-----------|
| human | puberty |
| development | gestation |
| baby | length |
| toddler | mass |
| child | grows |
| teenager | grow |
| adult | growing |



Well-being / RHE – Growing and changing.

This half term we will be taking notice of our feelings and identifying people who can be trusted. We will be learning how our bodies change and the correct vocabulary to use. We will also explore stereotypes and how bullying behavior can be stopped.

Design and Technology Textiles



Maths Fluency

Place value, balancing equations, fractions, finding fractions of amounts.

Science – Properties

Key vocabulary

- Solubility – the ability to be dissolved.
- Transparent – light passes directly through it.
- Evaporating – liquid to vapour
- Dissolving – something (solid) becomes mixed with a liquid.
- Reversible changes – a change that can be undone.
- Irreversible changes – permanent changes they cannot be undone.

Quote relevant to R.E.

“Be strong and courageous. Do not be afraid or terrified because of them, for the LORD your God goes with you; he will never leave you nor forsake you.”
 - Deuteronomy 31:6

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Below are some activities that you could explore at home, linked to our theme.

These projects can be worked on over the whole half term.

You can complete as many as you'd like to.

Please send photos of your completed projects into school using the TEAM platform as each week we will share and celebrate completed projects in class.

- 1). Make a model of a volcano. Can you find a way to make it erupt?
- 2). Last year we learnt a song "Crust and mantle" to help us learn about the layers of the Earth. Can you create your own song?
- 3). Research William Shakespeare. Create a PowerPoint to inform the rest of the class about his life.
- 4). Write a play script on a topic of your choice. Could you gather some friends to put on a class performance?
- 5). Write a modern adaptation of Macbeth.
- 6). Explore different properties in your home. Can you describe their properties?
- 7). Using the Bible quote from our Knowledge Organiser, write a prayer to show your understanding.
- 8). Design a cake (or any food) to reflect this terms topic 'Active Planet.'
- 9). Using our focus from RHE, create a set of inspirational 'Top Tips.'
- 10). Create a fun maths games that we can play in class using what we have learnt with fractions
- 11). Research the different fault lines across the world. Create a map, marking on and earthquake zones and volcanoes.
- 12). PE – design your own Personal Best challenge or fitness game that we could use as a warm up during our PE lessons.

This half term we will be looking at volcanoes and earthquakes in Geography. We will be studying the work of Shakespeare so the children will have plenty of opportunity to rehearse and perform. In Science we will be looking at the properties and changes of materials as well as learning about changes in the growth and development of humans during puberty.

