

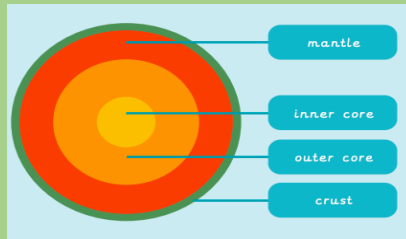
What are we learning this half term?

Autumn 2 Angelou – Year 3

Forces and Magnets



Why do people live near volcanoes?



D&T

Topic: Mechanical Systems: Pneumatic toys

- Draw accurate diagrams with correct labels, arrows and explanations
- Correctly identify definitions for key terms
- Identify appropriate design criteria
- Select appropriate equipment and materials to build a working pneumatic system

Music

Topic: Developing singing technique

- Move and sing as a team, following the lyrics on the screen
- Perform rhythms accurately from notation and layer them to create a composition
- Join in with the performances confidently, and reasonably in time and tune
- Make suggestions for improving their performance

Home Learning

English

Core Text - Fiction:

The Dragon and the Cobbler

- To write a narrative

Non-fiction:

Volcanoes

- To write a non-chronological report

Poetry:

- T'was the Night Before Christmas

Geography

Topic: Why do people live near volcanoes?

- Name all four layers of the Earth in the correct order, stating one fact about each layer
- Explain one or more ways a mountain can be formed
- Describe a tectonic plate and know that mountains occur along plate boundaries
- Correctly label the features of shield and composite volcanoes and explain how they form
- Name three ways in which volcanoes can be classified
- State that an earthquake is caused when two plate boundaries move and shake the ground
- Explain that earthquakes happen along plate boundaries

Computing

Topic: Programming

- Explain what some of the blocks do in Scratch
- Explain what a loop is and include one in their program
- Recognise where something on screen is controlled by code
- Use a systematic approach to find bugs
- Understand the definitions of decomposition and algorithm and how they are used to create accurate code

PE

Topic: Communication and tactics (Indoor)

Working as a team

Topic: Handball (Outdoor)

Invasion games

Maths

Topic: Addition and subtraction

- Apply number bonds to add & subtract
- Represent and explain addition & subtraction of two 2-digit numbers
- Add and subtract three 1-digit numbers
- Use formal written methods for addition and subtraction

Topic: Multiplication and division

- Count in multiples of 5 and 10
- Apply multiplication for x3, x4 and x8
- Represent and explain multiplication and division using arrays
- Understand the relationship between multiplication and division

Science

Topic: Forces and Magnets

- Identify examples of pushes, pulls and twists
- Define a force including describing, naming and classifying contact and non-contact forces
- Describe the relationship between friction and the roughness of a surface
- Identify examples of friction being useful or not
- Predict attraction and repulsion between like and opposite poles
- Identify examples of magnetic and non-magnetic materials
- Name some examples of types of magnet and compare their strengths
- Describe some examples of the uses of magnets

PSHE

Topic: Health and wellbeing

- Create a healthy diary, where energetic activities and high-energy food are scheduled for the same day
- Understand the different aspects of my identity
- Describe how you would break a problem down into small, achievable goals
- Understand the benefits of healthy eating and dental health

RE

Topic: Are Scriptures central to religion?

- Examine key beliefs about scriptures
- Explain how beliefs about a scripture may impact the value placed on it
- Recognise the similarities and differences between scriptures from different religions and faiths
- Evaluate what makes scriptures central to religion

French

French adjectives - colour, size and shape