

Area of Learning Science

Ask relevant questions and use different types of scientific enquiries to answer them about earthquakes and volcanoes.

Set up simple practical enquiries, comparative and fair tests.

Make systematic and careful observations

Gather, record, classify and present data in a variety of ways to help in answering questions.

Record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables.

Report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions.

Use results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions.

Identify differences, similarities or changes related to simple scientific ideas and processes.

Use straightforward scientific evidence to answer questions or to support their findings.

Forces and magnets

Compare how things move on different surfaces.

Notice that some forces need contact between two objects, but magnetic forces can act at a distance

Observe how magnets attract or repel each other and attract some materials and not others.

Compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials.

Describe magnets as having two poles.

Predict whether two magnets will attract or repel each other, depending on which poles are facing.

Area of Learning PE field games, dance and gymnastics

Games-Invasion Games/ Developing own games

Use running, jumping, throwing and catching in isolation and in combination.

Play competitive games, modified where appropriate basketball, hockey, and apply basic principles suitable for attacking and defending.

Gym-Balance (change of direction)

Receiving Body Weight.

Develop flexibility, strength, technique, Control.

Dance-Giraffes Can't Dance/ These Shoes are made for Walking

Perform dances using a range of movement patterns.

Compare their performances with previous ones and demonstrate improvement to achieve their goals.

Area of Learning

Art-People in Action

Create sketch books to record their observations and use them to review and revisit ideas.

Improve their mastery of art and design techniques, including drawing and painting with a range of materials [for example, pencil, charcoal, paint,] look at great artists, architects and designers in history.

D.T. Volcanoes

Use research and develop design criteria to design a volcano.

Generate, develop, model and communicate their ideas through discussion and sketches.

Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately.

Select from and use a wider range of materials and components, including textiles according to their functional properties and aesthetic qualities.

Apply their understanding of how to strengthen, stiffen and reinforce more complex structures.

Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work.

Area of Learning Geography

Human and physical geography

Describe and understand key aspects of:

Physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle.

Geographical skills and fieldwork

Use maps, atlases, globes and digital/computer mapping to locate countries and describe volcanoes and earthquakes studied.

Locational knowledge

Name and locate counties and cities of countries where earthquakes and volcanoes occur, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time.

Y4- Forces, Volcanoes and Earthquakes



Area of Learning PSHE

Keeping Healthy

We need to exercise and eat a balanced diet to stay healthy
We need to look after our bodies and know what they need.

Say No to Bullying

Focus on how it feels to be bullied and how we can prevent and respond to it.
Understand how to solve a 'bullying' situation that arises, including cyber bullying

British Values

Understand and support equality and opportunity for all.
Respect and tolerate different faiths and religious beliefs.

E-safety

Use technology safely, respectfully and responsibly including the internet, emailing and online gaming
Recognise acceptable/unacceptable behaviour including cyberbullying
Identify a range of ways to report concerns about content and contact.

Area of Learning RE

How important is it for Jewish people to do what God asks them to do?
How Jews show God that they value their special relationship with him.

Is forgiveness always possible? Learn how Jesus' life, death and resurrection teaches Christians about forgiveness.

Area of Learning Music

Espresso Music/Singing games

Use their voices and play musical instruments with increasing accuracy, fluency, control and expression.

Improvise and compose music for a range of purposes.

Listen with attention to detail and recall sounds with increasing aural memory.

Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians.

Develop an understanding of the history of music.

Area of Learning ICT

We are Musicians

Use one or more programs to edit music
Create and develop a musical composition
Develop collaboration skills
Develop an awareness of how their composition can enhance work in other media

We are HTML editors

Understand some technical aspects of how the internet makes the web possible
Use HTML tags for elementary mark up
Use hyperlinks to connect ideas and sources
Code up a simple web page with useful content
Understand some of the risks in using the web

Area of Learning French

Memorise and present a short spoken text

Listen for specific words and phrases

Listen for sounds, rhyme and rhythm

Ask and answer questions on several topics

Read and understand a range of familiar written phrases

Follow a short familiar text, listening and reading at the same time

Read some familiar words and phrases aloud and pronounce them accurately

Write simple words and phrases using a model and some words from memory

Learn about festivals and celebrations in different cultures

Know about some aspects of everyday life in France and compare them to their own

Learn about ways of travelling to France