

Key Vocabulary

Calculate
Addition
Subtraction
Multiplication
Division
Equal
Pounds
Pence
Change

Forces
Friction
Surface
Magnet
Magnetic
Magnetic field
Poles
Repel
Attract

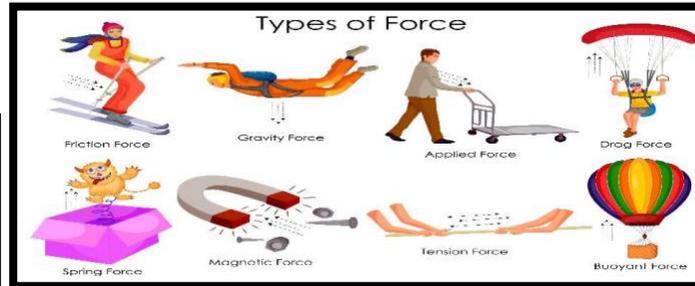
Volcano
Erupt
Earth
Lava
Explosive
Magmatic
Steamy

Key areas of Maths learning:

Multiplication
Division
Money



Science key area of learning: Forces and Magnets



Science knowledge and understanding:

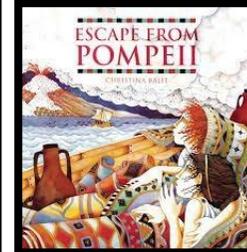
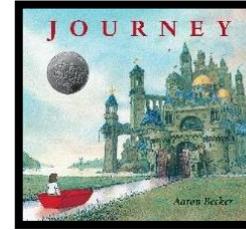
Compare how things move on different surfaces
Notice that some forces need contact between 2 objects, but magnetic forces can act at a distance
Observe how magnets attract or repel each other and attract some materials and not others
Compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials
Describe magnets as having 2 poles
Predict whether 2 magnets will attract or repel each other, depending on which poles are facing.

Working scientifically:

Asking relevant questions and using different types of scientific enquiries to answer them
Setting up simple practical enquiries, comparative and fair tests
Making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers
Gathering, recording, classifying and presenting data in a variety of ways to help in answering questions
Recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables
Reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions
Using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions
Identifying differences, similarities or changes related to simple scientific ideas and processes
Using straightforward scientific evidence to answer questions or to support their findings.

Year 3 Spring Term

What makes the Earth angry?



Key areas of English learning: Journey and Escape From Pompeii

Narrative

-How the characters got there.

Setting Description

-What they found once they arrived

Recount

-What happened, how when and why.

Narrative

-Writing from about what happened from the POV of a character.

Grammar

Vary sentence structure by expressing time and cause using:

-conjunctions (e.g.

so, when, before, after, while, because)

-adverbs (e.g. then, next, therefore, soon)

-Proof Reading and Editing

Correct use of tense.

Change verb to improve interest.

Experiment with adjectives to create impact.

Correctly use verbs in 1st, 2nd, 3rd person.

Introduction to paragraphs as a way to group related material

-Similes and metaphors

Inverted commas to punctuate direct speech

-Punctuation; full stops, question marks and exclamation marks

Geographical knowledge and skills

What makes the Earth angry?

Children can describe and show an understanding of volcanoes linked to the places studied.

Children know about the settlements and land use of the places studied.

Children can locate some countries in Europe, concentrating on their environmental regions and key physical and human characteristics.

Children can demonstrate knowledge of features about places around him/her and beyond the UK



Physical Education skills development and activity:

Hockey

Children should enjoy communicating, collaborating and competing with each other. They should develop an understanding of how to improve in different physical activities and sports and learn how to evaluate and recognise their own success.



Art knowledge and skills:

Sketchbooks:

Use sketchbooks to experiment with different texture

Know how to create different effects and textures with paint according to what they need for the task.

Know how to create printing blocks using a relief or impressed method.

Religious Education:

Theme: Easter

Religion: Christianity

Key question: What is 'good' about Good Friday?



Home learning ideas/places to visit (Community)

Read Together: You could read fictional stories about adventures.

Talk Together: Discuss the knowledge mats for each topic and also use an atlas to locate different countries in the world and be able to locate some of the world's largest volcanoes.

Make/Do Together: You could make a volcano, research Pompeii or design your own vehicle that you would take on an adventure.

PSHE development:

Rights and responsibilities: Skills we need to develop as we grow up

Helping and being helped