

## Literacy

### Key texts we will read:

- Iron Man
- The Encyclopaedia of Unbelievable Facts



### As writers we will:

- Develop our skills and our handwriting
- Develop our comprehension and understanding in a wide range of texts
- Create narratives using a range of writing styles
- Write non-chronological reports
- Link our writing to our Geography topic
- Create pieces of writing that are non-fiction and fiction based.

## Science

### As scientists we will:

- Learn about evolution and inheritance
- Recognise that living things have changed over time
- Look at the similarities and differences between, animals, plants and micro-organisms
- Recognise that living things produce offspring of the same kind
- Identify how plants and animals are adapted to suit their environment

## Maths

### As mathematicians we will:

- Represent numbers to 1000, 10,000
- Partition numbers to 1000, 10,000
- Number line to 1000
- Find 1, 10, 100, 1000 more or less
- Number line to 10,000
- Estimate numbers on a number line
- Compare and order numbers to 10,000
- Explore roman numerals
- Round to the nearest 10, 100, 1000
- Add and subtract 1s, 10s, 100s and 1000s
- Add and subtract two 4 digit numbers with and without exchange
- Estimate answers

## Art and Design

### As artists we will:

- Learn about architecture and its links to art
- Understand how buildings are designed
- Develop our knowledge of tone and texture when painting
- Design, sketch and paint our own 3D building

## Music

### As musicians we will:

- Look at a range of instruments and how they create sound.
- Explore a range of different styles of music and composition.
- Look at the history of music.
- Look at the work of 'Baroc'



## PSHE and Personal Development:

### As caring citizens we will:

- Discuss how it feels to be included.
- Understand who is part of our community and what their roles are.
- Discuss how democracy works within our school.
- Understand how our actions affect others and ourselves.
- Design a poster to explain teamwork.
- Discuss how as a class we can achieve goals.

## PE:

### As active pupils we will:

- Develop our knowledge and understanding of how to pass a ball into a space with varying speed.
- Concentrate on using our more dominant foot to position ourselves correctly.
- Develop our technique by using a target.

## Computing:

### As digital pupils we will:

- Understand the importance of E-Safety
- Look at how the internet impacts and can be useful for our lives.
- Develop our knowledge of what to do to stay on the internet and how to keep other safe.

# Natural resources and trade

Autumn 1 2023  
National Curriculum  
lead subject: Geography

## New knowledge we will acquire:

### Locational knowledge

locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities

### Place knowledge

understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region within North or South America

### Human and Physical geography

Describe and understand key aspect of:

Physical geography, including: Human geography, including: deforestation, land use, distribution of natural resources, economic gain, trade links

### Geographical skills and fieldwork

use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied

## Learning activities we will complete:

- identify some of Britain's natural resources and how they are used
- know some ways in which natural resources are used to produce energy
- use primary and secondary sources of evidence in their investigation
- know some clean and renewable natural resources used to produce electricity
- identify parts of the world where wood is produced and understand some of the problems with its production
- know what trade is, including imports and exports
- know how natural resources are traded around the world



## Key vocabulary will use:

Natural resources, crops, agriculture, oil, wood, electricity, wind turbine, solar power, energy, ancient, production, import, export, trade

## Visits/visitors:

Heritage learning - Hull History Centre.

Look at the architecture in our local area and how it has developed and changed over the years.

## Helpful websites:

[Explore fossil fuels and renewable energy - BBC Bitesize](#)

[Fracking: What is it and how does it work? -](#)

[BBC Newsround](#)