

Science

Knowledge

Plants

Pupils should be taught to:

- identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers
- explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant
- investigate the way in which water is transported within plants
- explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.

Skills

- asking relevant questions and using different types of scientific enquiries to answer them
- setting up simple practical enquiries, comparative and fair tests
- recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables
- using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions
- using straightforward scientific evidence to answer questions or to support their findings.
- reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions
- making systematic and careful observations and, where appropriate, taking accurate measurements using standard units
- gathering, recording, classifying and presenting data in a variety of ways to help in answering questions

Computing

We are who we are

Knowledge

- create a number of structured presentations
- create a narrated presentation
- consider issues of trust and privacy when sharing information

Skills

- use technology respectfully and responsibly
- know different ways I can get help if I am concerned
- understand what computer networks do and how they provide multiple services
- discern where it is best to use technology
- present information

English

- Writing to entertain: Diary entry recounting their journey across the world.
 - Book link – Emma Jane’s aeroplane.
- Writing to inform: Information leaflet about a capital city and the attractions that can be found there.
- Letter – writing a letter from a country
- See English long-term plan to see grammar and punctuation focus.

Geography

Knowledge

To name the number of countries in the northern hemisphere.

- To know the capital city of at least six European countries.
- To know where a country is located in the Southern or Northern hemisphere.
- To know why people may be attracted to live in cities.
- To know why people, choose to live in one place rather than another

Skills

- To locate the Tropic of Cancer, the Tropic of Capricorn and the Greenwich meridian on a map.

Forest School

Art objectives achieved through Forest School looking at portraits.

Knowledge

- To create portraits and landscapes

Skills

- To know how to create a background using a wash.
- To choose a material for both its suitability and its appearance
- To know how to show facial expressions in my art

Music

Environment: Children will focus on composition with a subject link to Geography.

Sounds: Children will focus on exploring sounds with a subject link to Geography.

Knowledge

- Using musical words to describe a piece of music.
- Using different elements in a composition.
- I can compose melodies to songs.
- I know how to improve my own work.

Skills

- To combine different sounds to create a mood or feeling.
- To sing a tune with expression.
- To create accompaniment for tunes.
- To play clear notes on an instrument.

Maths

Number:

- Use multiple of 5 and 10 bonds to 100 to solve additions and subtractions; add and subtract 1-digit numbers to and from 2-digit numbers
- Compare and order 2- and 3- digit numbers; count on and back in 10s and 1s; add and subtract 2-digit numbers; solve problems using place value
- Know multiplication and division facts for the 5, 10, 2, 4 and 3 times-tables; doubling and halving
- Comparing, ordering and understanding place value of 2- and 3-digit numbers; subtracting from 2-digit numbers; using prediction to estimate calculations

Measurement:

- Know and understand the calendar, including days, weeks, months, years; tell the time to the nearest 5 minutes on analogue and digital clocks

Geometry:

- Know the properties of 3D shapes

Religious Education

Termly question: What does it mean to be a Christian today?

Key questions:

- How do Christians show their belief in the home?
- What do Christians do to show their beliefs at Church?
- How and why do different Christians use music in worship?

Earth Explorers!

Year 3

Autumn 1



Physical Education

Personal Skills

Knowledge

- Coordination and footwork

Skills

- To take part in relay
- To know and use rules fairly
- Improvise and translate movements
- Aware of space
- Share and create phrases

French

Numbers, greetings and classroom instructions

Knowledge

- Recognise sound patterns and words
- To make links between sounds and rhymes, spelling and reading aloud familiar words
- To perform simple communicative tasks.
- To listen and respond to stories, rhymes and songs.
- To identify social conventions.
- To listen attentively and understand instructions.

Skills

- To have a short conversation saying 3-4 things
- To give a response using a short phrase

Art

Natural Portraits – Frida Kahlo

Impressionist artist - Pablo Picasso

Knowledge

- Identify techniques used by different artists
- Compare the work of different artists

Skills

- Show facial expressions in my art
- Use sketches to produce a final piece of art