Our World

KEY STAGE 2 SUMMER TERM 2019

science

Plants

§ 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.

Living things and their habitats

§ describe the life process of reproduction in some plants and animals.

Evolution and inheritance

§ recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago
§ recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents
§ identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.

Geography

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.

We will go on a tour of the UK Overseas Territories- find out about their environments, animals, people and traditions and especially the environmental difficulties they are experiencing.

Environmental Study

We will be working on ways in which we can help improve and protect our environment through:

- Taking part in the Youth Climate Summit at the University of Cumbria
- Undertaking a project on bees and developing our bee friendly garden
- Undertaking the John Muir Trust award working to protect Glenridding Common

Save our bees

Art and Design

- to create sketch books to record their observations and use them to review and revisit ideas
- to improve their mastery of art and design techniques, **sculpture** with a range of materials [for example, clay]
- about great artists, in history.

Design and Technology

Design, Make and Evaluate a product that will:

- apply their understanding of computing to program, monitor and control their products.

Computing

- select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals,

French

- engage in conversations; ask and answer questions; express opinions and respond to those of others; seek clarification and help*
- speak in sentences, using familiar vocabulary, phrases and basic language structures

Mathematics

Revision:

Fractions, decimals and percentages

Measures

Algebra

Ratio and Proportion

Addition and Subtraction

Multiplication and Division

Coordinates

Investigative maths and problem solving

PE

- use running, jumping, throwing and catching in isolation and in combination
- play competitive games, modified where appropriate and apply basic principles suitable for attacking and defending
- take part in outdoor and adventurous activity challenges both individually and within a team

English

Writing: genre to be covered: non-chronological reports, instructions, persuasive writing, newspaper articles, book reviews and letters (formal).

Reading comprehension skills and revision, particular emphasis on non-fiction.

Spellings: based on assessments, individual spelling lists, patterns in spellings, root words with prefixes and suffixes.

Punctuation and grammar: revision of technical vocabulary and developing skills in punctuation.

Music

- play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression
- improvise and compose music for a range of purposes using the inter-related dimensions of music
- listen with attention to detail and recall sounds with increasing aural memory
- use and understand staff and other musical notations
- appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians

RE

Easter: Joy, Sacrifice, Forgiveness, Resurrection

Pilgrimage: Made in different religions around the world, including Christianity.

PSHE

Relationships and Sex Education

Emotions, resilience and self-esteem

Being good citizens- looking after our environment.