

## Year 6 Summer Term

# WHAT A WONDERFUL WORLD

### Science

#### Evolution & 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.
- Find out more about how living things on earth have changed over time.
- Introduced to the idea that characteristics are passed from parents to their offspring.
- Pupils might find out about the work of palaeontologists.

#### Working Scientifically

- Planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary
- Taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate
- Recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs
- Using test results to make predictions to set up further comparative and fair tests
- Reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations
- Identifying scientific evidence that has been used to support or refute ideas or arguments.

### Computing

#### Using Spreadsheets

- Understand why a spreadsheet might be used.
- To input data in spreadsheet.
- Identify and edit selected data in a spreadsheet.
- Select information and use the formula features to simplify calculations.
- Select the appropriate formula to help present information.
- to change variables in a spreadsheet to solve problems
- to make predictions and changes and check results.
- to enter formulae for the four operations (+-x/) into a spreadsheet
- to use 'SUM' to calculate the total of a set of numbers in a range of cells
- to change data in a spreadsheet to answer 'what if...?' questions and check predictions
- Using a simple layout demonstrated by the teacher, create a simple spreadsheet model and use it to solve problems
- Sort and filter data on a spreadsheet using excel features.
- Use graph and chart features on excel.
- Label and input graph information correctly.

#### E-Safety

- Be aware of the different forms of technology that can be used to access the Internet and communicate with others.
- Recognise their own right to be protected from the inappropriate use of technology by others and the need to respect the rights of other users.
- Know how to use social media and the internet safely.
- Recognise acceptable and unacceptable behaviour on the internet.
- Identify a range of ways to report concerns about content and contact.
- Create an awareness campaign.

### Music

Specialist provision provided by The Kings.

### History

#### World News Linked to British Historical Moments

- Sinking of the Titanic - link to disasters.
- Suffragettes - Votes for Women.

### Geography

#### World Geography - Including Disasters

- Focus on World Map Geography - cities, countries, continent locality.
- World Geography - biomes & climate zones.
- Plans, graphs & digital technologies.
- North America case study.
- Mountains of the world.
- Disasters - volcanoes, earthquakes, tsunamis & extreme weather.

### Physical Education

#### Athletics - World Countries Links

- Develop flexibility, strength, technique, control and balance.
- Use running, jumping, throwing and catching in isolation and in combination.
- Take part in outdoor activity challenges both individually and within a team.

#### Striking & Fielding - Rounders

- 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.

### Art and Design

#### Skill - Drawing / Painting

- To confidently research required information - artist research.
- To work on different surfaces e.g torn up pieces of paper, cardboard etc.
- Confidently study natural objects - still life.
- Continue demonstrating consideration about the use of colours and their relationships.
- To confidently use appropriate language for skills and technique.
- To continue evaluating and discussing own work and that of others.

#### Skill - Printmaking

- To produce a relief print, overlaying up to 3 colours.
- To confidently overwork print with biro/paint/colour pencils.

#### Skill - 3D

- To discuss and evaluate work confidently.

### Religious Education

#### Creation/Fall

- Outline the importance of Creation on the timeline of the 'big story' of the Bible.
- Identify what type of text some Christians say Genesis 1 is, and its purpose.
- Taking account of the context suggest what Genesis 1 might mean, and compare their ideas with ways in which Christians interpret it, showing awareness of different interpretations.
- Make clear connections between Genesis 1 and Christian belief about God as Creator.
- Show understanding of why many Christians find science and faith go together.
- Identify key ideas arising from their study of Genesis 1 and comment on how far these are helpful or inspiring, justifying their responses.
- Weigh up how far the Genesis 1 creation narrative is in conflict, or is complementary, with a scientific account.

### Design and Technology

#### Design, Make & Evaluate

- Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups.
- Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross sectional and exploded diagrams, prototypes, pattern pieces and computer aided design.
- Select from and use a wider range of tools and equipment to perform practical tasks (cutting, shaping, joining and finishing) accurately.
- Select from and use **construction materials** according to their functional properties and aesthetic qualities.
- Investigate and analyse a range of existing products.
- Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work.
- Understand how key events and individuals in design and technology have helped shape the world.

### Languages

- Le monde francophone - French speaking countries.
- Ou habites tu? - Where do you live?