

Science – Electricity

- Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit
- Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on / off position of switches

Geography – Climate Change and Global Warming

- Describe and understand key aspects of the distribution of natural resources including energy, minerals and water
- Use maps, atlases and globes to locate countries and describe features studied
- Use the eight points of a compass, symbols and keys to build their knowledge of the UK and the wider world
- Use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies

PSHE – Working Together

- Be able to identify their own strengths and skills, those of others and know how these can complement each other
- Be able to talk about skills they would like to develop and hopes for the future
- Understand that the ability to learn is a valuable skill
- Know some skills which might be useful in a range of jobs

English

Writing – Persuasive Writing

- Use hyphens to avoid ambiguity
- Use brackets, dashes or commas to indicate parenthesis
- Use semi-colons, colons or dashes to mark boundaries between independent clauses
- Use a colon to introduce a list
- Punctuate bullet points consistently
- Use modal verbs or adverbs to indicate degrees of possibility

Reading

- Identify and discuss themes and conventions in and across a wide range of writing
- Make comparisons within and across books
- Retrieve, record and present information from

Maths – Fractions

- Use common factors to simplify fractions; use common multiples to express fractions in the same denomination
- Compare and order fractions, including fractions >1
- Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions

Computing – We Are Publishers

- Manage or contribute to large collaborative projects, facilitated using online tools
- Write and review content
- Source digital media while demonstrating safe, respectful and responsible use



YEAR 6 Spring 1

We will be learning to...

RE – Creation vs. Science

- 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
- 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

Design & Technology - Electrical

- Become familiar with how an electric motor behaves when connected in an electrical circuit
- Have generated several ideas to choose from; have harnessed the rotation produced by the motor to drive a moving part on a model they have made, employing belts and pulleys
- Have designed, made, evaluated and modified their product

Music – Roots

- Improvise descriptive music
- Play rhythm cycles
- Devise rhythmic movement
- Develop a descriptive composition

