

## Maths – Power Maths 5B



### Multiplication and division

- Multiplying numbers with up to 4-digits by 1-digit, using short multiplication.
- Multiplying numbers with up to 4-digits by 2-digits, using grid method and long multiplication.
- Dividing numbers with up to 4-digits by 1-digit, using short division (bus stop method), including with remainders.
- Solve problems involving multiplication and division.

### Fractions

- Multiply fractions and mixed numbers by whole numbers.
- Find fractions of amounts.
- Use fractions as operators.

### Decimals

- Understand decimals up to 2 decimal places.
- Find equivalent fractions and decimals using tenths and hundredths.

## Art – Line, light and shadows

- Continuous line drawing.
- Significant artist – Pablo Picasso.
- Shading techniques.
- Pen and ink techniques.
- Drawing on black paper.
- Creating artwork with line, light and shadows.

## RE – Understanding Christianity: Creation and Science: conflicting or complementary?

- Placing the Genesis creation story in context.
- Scientific evidence of how the world began.
- How Christians accept scientific evidence.
- How scientific and religious ideas complement each other.
- How humans are part of creation and have a responsibility to take care of it.

## Music – Make You Feel My Love

- Listen to and appraise pop ballads.
- Learn to sing, play and improvise, using recorders or glockenspiels.

## Science – Properties and changes of materials.

- Testing materials for a range of properties
- Measuring temperature changes over time
- Thermal conductivity
- Thermal conductors and insulators.

### **P.E.**

### **Gymnastics / Swimming**

## Sow, Grow and Farm

### Year 5 Spring 1

### Computing – Staying safe online

- Online bullying
- Online relationships
- Online reputation
- Self-image & identity.



### French – Presenting myself

- Introduce and describe yourself.
- Speak and write about personal details.

### Geography – Sow, grow and farm

- Farming practices and techniques in the UK.
- Identifying farmland features on maps.
- Understanding food miles.
- Case study: potato growing.

### PSHE – Living in the wider world

- Community resources and services.
- How taxes are used to fund community services.
- Funding and budget choices.
- Saving energy at home.
- Giving to others and serving the community.
- The positive impact of blood/organ donation.

## English



### Teaching Reading:

- Use taught strategies to clarify vocabulary.
- Skim and scan texts to retrieve, record and present information, and to answer questions.
- Distinguish between fact and opinion.
- Clarify their understanding of words, phrases, events and ideas in different texts.
- Make plausible predictions and modify ideas based on what is stated and implied.
- Summarise the main ideas from a text.
- Find evidence to explain how a character's mood changes over time and to deduce reasons for the way that characters behave.
- Identify, compare, contrast themes within texts.
- Read poems by significant poets and identify what is distinctive about their work.

### Reading texts:

- Fiction: *Kensuke's Kingdom* (Michael Morpurgo).
- Non-fiction: *I Ate Sunshine for Breakfast* (Michael Holland).
- Poetry: *The Listeners* (Walter de la Mare).
- Picture book: *The Last Tree* (Emily Haworth-Booth).

### Writing:

#### Information (non-fiction)

- Provide factual information about a topic.
- Share knowledge about something you are an expert on.
- Write with clear meaning.
- Be accurate and informative.
- Make the facts sound exciting and interesting.
- Use technical, topic-specific language.
- Make comparisons and 'paint with words' using poetic devices like: personification, alliteration, metaphor or simile.
- Use a range of sentence structures, including fronted adverbials, relative clauses, parenthesis.
- Create cohesion and flow throughout your writing.
- Punctuate and separate sentences accurately.
- Proofread and edit writing to improve it.