

## Term 5 Plan for Year Five April and May 2019

### Maths

- Compare and order fractions whose denominators are all multiples of the same number.
- Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths.
- Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements  $> 1$  as a mixed number.
- Add and subtract fractions with the same denominator and denominators that are multiples of the same number.
- Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.
- Read and write decimal numbers as fractions.
- Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.
- Round decimals with 2 decimal places to the nearest whole number and to 1 decimal place.
- Read, write, order and compare numbers with up to 3 decimal places.
- Solve problems involving number up to 3 decimal places.
- Recognise the per cent symbol (%) and understand that per cent relates to "number of parts per 100", and write percentages as a fraction with denominator 100, and as a decimal fraction.
- Solve problems which require knowing percentage and decimal equivalents of  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $\frac{1}{5}$ ,  $\frac{2}{5}$ ,  $\frac{4}{5}$  and fractions with a denominator of a multiple of 10 or 25.

### Science - Living things and their habitats

- Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird.
- Describe the life process of reproduction in some plants and animals.

## Extreme Earth

### P.E

Indoor: Team games  
Outdoor: Netball

### English

- Write a narrative using direct and reported speech
- Develop use of descriptive vocabulary and writing devices
- Write a diary entry
- Write an explanation text using correct grammatical features and diagrams

### R.E. - People of God

- Explain connections between the story of Moses and the concepts of freedom and salvation, using theological terms.
- Make clear connections between Bible texts studied and what Christians believe about being the People of God and how they should behave.
- Explain ways in which some Christians put their beliefs into practice by trying to bring freedom to others.
- Identify ideas about freedom and justice arising from their study of Bible texts and comment on how far these are helpful or inspiring, justifying their responses.

### Computing

- Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.
- Use sequence, selection, and repetition in programs; work with variables and various forms of input and output.
- Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and program.

### Geography

- Describe and understand key aspects of physical geography, including: climate zones, rivers, mountains, volcanoes and earthquakes, and the water cycle.