**Year 5 – Biomes**

**Maths**In arithmetic lessons the children will be revisiting, consolidating and extending the skills taught during the autumn and spring terms. Short division and long multiplication will be revisited, we will add and subtract fractions with unlike denominators and will calculate fractions of amounts. We will revise place value , including tenths, hundredths and thousandths and will divide and multiply whole and decimal numbers by 10, 100 and 1000. We will also revisit column addition and subtraction, including decimal numbers.

The class will also continue with lessons from Mr. Evans.

**How can you support your child?**Help them to learn their spellings and the rule associated with them each week.

Read with your child regularly to support their fluency, ask them questions about their book to build their comprehension skills.

You can also practise mental recall of times tables and division facts as the children will need to know them all (up to x12).

**Art and DT**

We will be sketching some of the animals that live in the biomes studied. We will also be using paints, pastels and pens to create a biome picture including a background and a foreground, experimenting with perspective. We will improve our mastery of art and design techniques and will continue to develop our sketchbooks.

**Some Curriculum Vocabulary.**

Categorise, Inhabit, Terrestrial, Aquatic, Climate, Situated, Favourable, Uninhabited, Nutrients, migrate, climate zone, permafrost.



**Welcome to your next term in Year 5! It’s going to be a great term.**

**PE**

We are very lucky with our PE provision this term. Year five have tennis coaching on Tuesday afternoons with a professional coach from Northampton tennis club. On Fridays we have cricket coaching.

Please can PE kit be in school on those days.

**Science**

This term, the main science topic is Living Things and their Habitats. This is an exciting topic of practical investigations. The class will dissect flowers to aid their learning about plant reproduction and will be attempting to grow new plants from bulbs, seeds, runners and cuttings. The class will learn about the lifecycles of the main different animal groups and will collect minibeasts from the forest school, noting their habitat, will categorise these correctly and research their lifecycle. The children will also re-cap on our “Animals including humans” topic.

**Literacy**

In Literacy this term the children will be studying portal stories , including ‘Clock close’, ‘The Door’ and ‘Elf Road’ with a focus on setting descriptions and strongly structured narrative.

 **Music**

In singing assemblies, we will be continuing to build up our singing confidence.

Year five will be continuing to learn the rap, ‘Fresh Prince of Bel Air’ and will be progressing from class composition to pair and individual composition work.

In RE we will be learning about Judaism and Humanism. In Music, we will play and perform in solo and ensemble contexts, using voices and playing musical instruments with increasing accuracy, fluency, control and expression. We will also be developing listening skills and learning to appreciate and understand a wide range of high-quality music drawn from different traditions and from great composers and musicians.

**Geography**

We willdevelop a contextual understanding of globally significant places. Describe and understand key aspects of climate zones and biomes (physical geography). Name and locate the Earth’s biomes. Describe how human processes affect biomes. Learn about the ice biome, freshwater biomes, taiga biomes, savannah biomes and grassland biomes. Learn about the diversity of plants and animal species. Create maps of locations identifying climate zones.

**ICT/Computing**

As Computing specialists, we will use technology effectively, safely, respectfully and responsibly.

The children will use Scratch to further develop their knowledge of coding.

They will also conduct research about animal lifecycles and about biomes.