



Curriculum Overview Year 6 Amber Class Summer 2 2021

Extreme Earth

Science, Geography, History, Art, D&T and ICT

This half term our **Science** lesson will focus on **Living things and their habitats**. In these lessons, we will be dissecting tulips to help us to explain how some plants reproduce. We will also be investigating if we can re-grow plants and vegetables by taking cuttings. During this time, we will be working scientifically so we can make regular observations. We will also be comparing life cycles of different animals and presenting our findings to the class.

During our **Geography** lessons, our focus will be Extreme Earth. We will find out about the Earth's climate and the areas of extreme temperature. We will also look at the effect drought has and then explore the extreme weather conditions across the world. We will then find out about tsunamis and earthquakes and what causes them.

During our **DT and Art lessons**, we will be recreating extreme weather arts by famous artists, looking into landscapes and animals that survive extreme weathers.

In our **Computing** lessons We will explore the concept of selection in programming through the use of the Crumble programming environment, using a microcontroller to connect and programme components (output devices- LEDs and motors). This will result in designing a working model of a fairground carousel.

Mathematics

In Maths, we will be developing our understanding of:

- Scaling (Yr 6)
- Interpreting line graphs and pie charts (Yr 6)
- Calculating and interpreting mean averages (Yr 6)
- Constructing pie charts (Yr 6)

We will also be having weekly arithmetic lessons to further develop our number fluency.

English

We will be starting our next text: Running Wild. During these lessons we will be:

- *Writing non-chronological reports
- *Forming setting descriptions
- *Writing in the style of the author
- *Delivering a presentation
- *Plan, write and present a news report
- *Research and plan an explanation text.

We will also be completing weekly comprehension lessons to develop our understanding of a text. Grammar lessons will also take place to ensure this is embedded within writing.

Physical Education

- PE will focus on **Athletics**
- PE days: Amber = Thursday

Swimming: Amber Friday morning

Spanish

We will be developing our knowledge by looking at:

- *Going to work, numbers and time
- *Around the world
- *Healthy lifestyles

Music

We will be continuing to develop our musical skills by incorporating various musical instruments into songs learnt previously.

Homework (once children return)

- **English/Maths:** Homework is set to consolidate skills taught in class. One piece of homework (potentially consisting of 2 pages) will be sent per each week of learning.
- **Spellings:** Spellings to be given out on a Friday to be learnt and tested the following week.
- **Reading:** To be practiced regularly (aiming for 3 times per week), a test should be taken on the book via Accelerated Reader and changed when necessary.
- **Times tables:** to be practised regularly at home via TTRockstars.

PSHCE and RE

'Changing me' is our PSHCE topic and we will be moving into specific groups to complete this.

In RE, we will be continuing with discussing the concept of commitment and what it means, with a focus on making their own goals and discuss commitments in their lives. They will then review their goals and consider why someone would wish to make a commitment.