

# Year 5 Learning Web

Spring 1 2018

## English Focus

- This term, we will be continuing to work on grammar, using parentheses, relative clauses and semi-colons.
- Our class reader will be the book **Cosmic** by Frank Cottrell-Boyce and we will be using this as a focus for some of our creative writing. We will also be using a non-fiction book about the Star Wars universe to inspire our factual writing.
- Genres we will be focusing on include mnemonics, poetry, newspaper reports, adventure stories, fact files and non-chronological reports.

## Maths Focus

We will be:

- Multiplying and dividing 4-digit numbers using formal written methods.
- Finding equivalent fractions.
- Ordering and comparing fractions with the same and different denominators.
- Converting to and between improper fractions and mixed numbers.
- Finding the area and perimeter of regular and irregular shapes.

## Knowledge and Understanding

### Learning Challenge: Out of this world!

- Our **History** topic this half term is based around space. We will be looking at the space race and missions to the moon, as well as looking at possible future space missions.
- We will be researching famous astronauts such as Neil Armstrong and Sally Ride using secondary sources.
- Our hall will be transformed into a planetarium for the morning on 16<sup>th</sup> January. We will be exploring a 3D show called *We Are Aliens* (narrated by Rupert Grint).

## STEM (Including Computing and Science) and Health and Wellbeing

### Learning Challenge: Earth and beyond

- We are hoping to visit the National Space Centre in Leicester to find out about the many different aspects of space travel.
- We will be describing the movement of the Earth and other planets in our solar system relative to the movement of the Sun.
- We will be using the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky.
- Additionally, we will be looking at how and why the moon takes different shapes at different points in the month and how the moon affects life on Earth.

## Creativity

- We will be building bottle rockets that launch into the sky using water and vitamin C tablets.
- We will be creating some artwork in the style of Peter Thorpe, an artist who focused largely on space.
- We will be painting to-scale models of the planets in our solar system for a space-themed display.

## Ways you can help at home...

- Encourage your child to read for enjoyment! Allow them to be more independent in their choice of reading material. However, don't stop reading to them; they still need a role model.
- Practise mental maths skills, including times tables. Practise telling the time and talking about the time as much as possible. Give your child opportunities to think about the price of items, estimating total costs and how much change they would get if paying with notes.
- Encourage your child to be more independent by helping them to refer to their timetables and organise their own belongings, such as school bags, homework books and PE kits.