29/04/2019

Dear Parents and Carers,

**Summer Term**

Outlined below is the work we plan to cover in the various curriculum areas over the Summer Term.

**Topic: Space Explorers**

**Main Idea** - We know that when we look up at our sky we will see the Sun, the Moon and the stars. We take them for granted. But why are they there? What do they do? How do they affect the Earth? Astronomy, like all sciences, is about asking questions. By becoming space explorers, we can find out more about our solar system and the deeper mysteries of the universe.

In Science, we’ll be finding out:

- How to compare the size of the planets and their distance from the Sun
- About the movements of the Earth, Sun and Moon and how they affect us
- How to make a spectrometer to find out about light and what it contains
- How light travels
- How to create a timeline to show the life cycle of a star

In History, we’ll be finding out:

- About what people in the past used to think about the Earth, Sun and Moon
- About Galileo and his findings about the Earth, Sun and Moon
- About the constellations and the stories that they tell
- How to make a timeline to show some of the important events in the history of astronomy and space

In Art, we’ll be finding out:

- How we can capture the shape, colour and patterns of a nebulae in art
- How we can create our own satellite images

In Technology, we’ll be finding out:

- About the technology that is being used to explore Mars
- How to make a pinhole viewer to record the size of the Sun and the Moon
- About the International Space Station
Maths

- Number: We will be looking at decimals up to thousandths, percentages and converting between fractions, decimals and percentages and then adding, subtracting, multiplying and dividing decimals
- Measurements: converting units (kg, km, mg, ml; metric and imperial units; converting units of time; timetables)

Physical Education

Children will have two PE sessions a week. One of these will be swimming on a Monday and then PE on a Wednesday in school.

Literacy

We will be linking most of our work in Literacy to our IPC topic. Some of this work will focus on the book ‘Cosmic’, many thanks to those of you who purchased this over the break. This term we will be writing a non-chronological report, a diary entry and instructions.

Weekly Routines

**Homework:** Following the success of the homework menu this will continue. Children will still be expected to complete their homework and hand this in by Wednesday each week. In addition to this children will be set weekly spellings and arithmetic questions to complete.

**Reading** – Every day please read as much as is feasible. The children have their reading record books that have a section for recording of their reading. We have noticed that some children are not bringing their reading record books into school. This is a quick avenue of communication between school and home and should be in every day.

**Contact** – We will be updating our class blog every weekend to anticipate the events and curriculum coverage for the week. If you need to contact us please use your child’s planner as this is checked daily or chat to us at the end of the day.

Many thanks
From the Year 5 Team
Miss Ellery, Mrs Clarke, Mrs Elsdon and Mrs Coton