

### LITERACY

- \* This term will follow a series of activities in which the children will take on the role of professional astronomers working for clients who have approached them to create a space-based science exhibition at the end of the term.
- \* We will study many genres of writing including reports, recounts, stories, explanations, diary writing, poetry and persuasive letter writing.
- \* Over the course of the term we will plan, draft and then create a final copy of our regular extended writing tasks.
- \* Spelling, Punctuation and Grammar lessons will take place on Mon, Tues, Wed and Fri.

### ART AND DESIGN TECHNOLOGY

- \* Designing the logo for the Planet Earth astronomy teams that we will be working as this term as we plan for our exhibition.
- \* We will be creating a series of 3D models of the different planets and dwarf planet within the solar system that will be displayed in our exhibition.

### SCIENCE

- \* We will investigate Space in order to present an exhibition at the end of the term: we will describe the movement of the Earth, and other planets (and relate them to the Roman gods) relative to the Sun in the solar system.
- \* We will describe the movement of the Moon relative to the Earth, describe the Sun, Earth and Moon as approximately spherical bodies, and we will use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.

### READING

- \* Daily guided reading sessions, including comprehension, and whole-class reading at the end of each school day with our series of space-based class readers for the term.

### PE

- \* Invasion games and tactics including dance with our new Saints coach.
- \* Aerobic-based sports activities with Mr Sloman.

## THE SCIENCE EXHIBITION DIAMOND CLASS SPRING 2022

### COMPUTING

- \* We will take part in monthly live coding sessions based around MIT's Scratch coding website.
- \* We will know how to be safe online (esafety) and how to use the internet responsibly (including cyber-bullying).
- \* We will continue to use Microsoft Teams for all homework tasks throughout the Spring term.

### MATHEMATICS

- As in Autumn 2021, our maths lesson tasks are differentiated four ways: Do It (task/arithmetic-based) and Secure It, Deepen It and Dig a Little Deeper (reasoning-based). This term we will cover:
- \* Properties of number: partitioning and the values of individual digits.
  - \* Number sequences and predictions.
  - \* Tables: Daily practising of 2-12 times tables and inverse.
  - \* 4 operations: column addition and subtraction, grid method for multiplication and bus stop and chunking method for division and word problems.
  - \* Data handling and data analysis.
  - \* Shape and space: Properties of 2D and 3D shapes including faces, edges and vertices and nets (see Art below); perimeters and areas of common shapes and compound shapes, and grids, directions and coordinates.
  - \* Twice-weekly individual and paired arithmetic papers for all Diamond children.

### LANGUAGES

- \* Weekly French lessons focussing on simple words, numbers, greetings, family members, common objects and pronunciation.
- \* We will study French culture, including looking at the geography of the country, briefly looking at its history and diversity in modern France.

### RE

- \* We will ask the question 'What does it mean if God is Holy and Loving?' and investigate how the Bible presents God to us.
- \* We will study Judaism and investigate why the Torah so important to Jewish people.