

## Creative Curriculum Theme – Stargazers

### Science

- Describe the movement of the Earth, and other planets, relative to the Sun in the solar system.
- Explain how the Moon orbits the Earth.
- Use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky.

### Art

- Explore the artist Peter Thorpe and create space pictures in his style using chalk pastels.

### Design Technology

- Design a model of the solar system.
- Use a range of materials to construct a stable structure of the solar system.
- Evaluate our model, suggesting improvements that could be made to improve our design.

### Computing

- Use animation to recreate space occurrences.
- Use the Internet safely and efficiently to research and begin to identify unreliable websites

### English

We will read:

#### 'Cosmic' by Frank Cottrell Boyce.

- Describe settings, characters and atmosphere.
- Use a range of devices to build cohesion across paragraphs.
- Precise longer paragraphs in our writing.
- Dissect texts to understand the authors intentions.
- Identify and discuss themes across a range of sci-fi texts.

### Physical Activity

- Athletics - use running, throwing and jumping in insolation and in combination.
- Dance - explore movement and body positions before working collaboratively to perform a sequence.

### French

- Describe our clothes and express opinions.

### Maths

- Interpret numbers up to 10,000,000 (ten million).
- The use and application fractions i.e. find the fractions of a quantity, converting fractions to make calculations more efficient and changing improper fractions to mixed numbers and vice versa.
- Calculate area and perimeter of different shapes.
- Complete times table challenges and mental maths activities using efficient strategies.

### Music

- 5D - Develop their understanding of the history of particular genres of music and to learn and perform songs based around the theme of space.
- 5M - Continue to learn to play the guitar.

Staff: Miss Malin  
Mr Dando  
Mrs Hubbard



## Religious Education

Identify important teachings and how religions promote peace.

Identify beliefs expressed through symbolism and explain why it might be important to believers.

## Personal, Social, Health Education and

We will explore stereotypes, media influences and how to make the right choices.

## Homework

Please complete at least one of the activities below for your homework. All of the tasks are linked to our 'Stargazers' topic. Please be as thorough and creative as possible!

**Keep a Moon diary over the course of a lunar month. Draw the shape of the Moon each night, finding out and recording the correct term for each lunar phase**

**Use non-fiction books, astronomy magazines and the web to find and record your own amazing facts about space.**

**Create a space scrapbook using your facts and downloaded images.**

**Search the night sky and try to identify the Moon, stars or even some of the other planets in the solar system such as Venus or Mars. Use binoculars or a telescope if possible. Record your findings.**

**Imagine... an alien space ship has crashed landed in your back garden. Write your own story about what happens next. You may want to borrow ideas from space stories or films you know well. Remember to use powerful vocabulary to bring your story (and**

**Write a letter of application to the UK Space Agency to become an astronaut. What personal qualities or skills would you need to carry out this role?**

**Design and create your own astronaut space helmet or alien headwear using junk materials.**

**Make a solar system poster to help other remember the order of the planets.**

## Reading

Children are encouraged to read throughout the week (their chosen text from Accelerated Reader Programme). Home school link books must be brought in once a week so that teachers can see the time they are spending reading at home.

In school, children will then be given a quiz on their chosen book so that class teacher's can see their understanding of the text.

## Times tables and mental strategies

Please practise the Year 3/4 and 5/6 common spelling words from National Curriculum Appendix (please ask your teacher for a list if you are unsure).

Use **'Times Table Rockstars'** to practise rapid recall of multiplication and division facts.

