

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

Design and Technology

- Generate, develop and communicate ideas through discussion, annotated sketches and diagrams to design a space rocket.
- Select from a range of materials to perform practical tasks.
- Evaluate ideas against design criteria and consider the views of others to improve work.

Computing

- Use technology safely, respectfully and responsibly.
- Design, write and debug programs that accomplish specific goals.
- Work with variables and various forms of input and output.
- Explain how some simple algorithms work.

English

Text:

'Cosmic' by Frank Cottrell.

- Describe settings, characters and atmosphere.
- Use a range of devices to build cohesion across paragraphs.
- We will also explore a new and exciting way of learning using Read, Write and Perform. This will include:
- Dissecting texts to understand the authors intentions.

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.
- Complete times table challenges and mental maths tests using efficient strategies.
- Revision of all previous areas studied.

Physical Activity

- Athletics - use running, throwing and jumping in isolation and in combination.
- Games - participate in competitive games and apply basic principles of attack and defence.

French

- Describe our homes orally and in written sentences.
- Engage in conversations, using accurate pronunciation, to describe the rooms in our house.

Music

- Develop their understanding of the history of particular genres of music and to learn and perform songs based around the theme of space.

Staff: Miss Malin
Mr Klair
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

To understand the positive and negative effects on physical, mental and emotional health.

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 3-D model of the solar system which displays all the planets in order.

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

Year 5 children are expected to be regularly practising their times tables (up to 12x12) and reviewing the spellings on the Year 5/6 spelling list.

