



Years 5 and 6

Autumn 1: 2019

### Maths

- Place value.
- Mental, informal and formal methods for the four operations
- Reasoning and Investigations.

### English

#### “Cosmic” by Frank Cottrell Boyce.

Range of drama and writing opportunities inspired by this text.

Also, children will explore a range of grammatical terms, punctuation and spelling patterns.

### Science

#### Space:

- To describe the movement of the Earth and other planets.
- Use the ideas of the Earth’s rotation to explain day and nights
- To explore the moon’s phases.

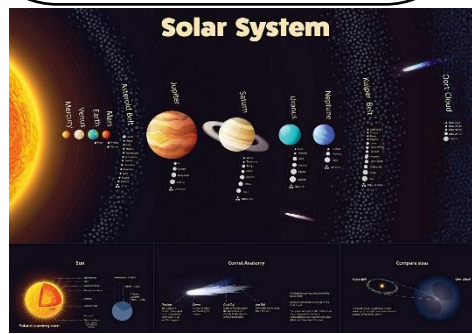
### RE and PSHE

How is God three – and one?

New Beginnings

British Values

E-Safety



### History

History of Space Travel:

- Timeline of Space Travel
- Famous astronauts
- Development of the rocket
- Race for the moon

### Art and DT

Exploring the work Peter Thorpe.

Designing and producing rocket drawings and paintings.

### Where Does Space Begin?

### Computing

Simulations

### PE

Dance: The Solar System  
Sportshall Athletics

### Music

Brass Instruments or  
Charanga Music

### French

Les Planetes

### Key Vocabulary

Planets, space, astronomy, satellite, lunar, solar, astronaut, cosmonaut, orbit, phases.

**Pre Learning Activities (optional):**

**As the days grow shorter**, look at the moon and discuss its changing shape.

Can you find any constellations in the night sky?

Can you produce a model of our solar system?  
Find out about historical space travel ... and what might be possible in the future.

**Other Texts (you could read these at home):**

Other books by Frank Cottrell Boyce.  
Non-fiction texts from the library

**Websites**

<https://www.spacekids.co.uk/learn/>  
<https://www.nasa.gov/kidsclub/index.html>

Topmarks  
Times tables Rockstars

**Reading** – Children should read every day. Reading should be recorded in the reading record (this can be a comment or simply a signature to indicate that home reading has taken place). (Year 6 children will have a diary to record.)

**Homework** – set on a Friday, return on the following Wednesday (two pieces of homework). A maximum of 45 minutes per subject is expected. If your child does not complete his/her work within this time, or finds it extremely challenging, do write a short note to advise of any issues.

**Spellings** – A list of common exception words will be sent home each half term. These are for the children to learn at home, and there will be a spelling test at the end of each half term.

**Times tables** – It is essential to practice every day; weekly tests in school. Make use of Timetables Rockstars, which your child has a log in for. (This remains unchanged from last year).

**P.E. KITS:** Please ensure your child has a full P.E. kit in school every day (clearly named).

**Punctuality:** The official start time of school is 9:15am. Please ensure your child arrives promptly, as learning begins straight away.

**Key Dates:**

Thursday 12 <sup>th</sup> Sept:	3:00pm: Meet the Teachers Welcome session
Wednesday 25 <sup>th</sup> Sept:	Trip to Winchester Science Centre
Friday 11 <sup>th</sup> Oct:	INSET day
28 <sup>th</sup> Oct – 1 <sup>st</sup> Nov:	HALF TERM