

## WRITING

### Term 1

Biography

Wk 1 Immersion.

Can I learn the language and text features of a biography of a famous astronomer?

Wk 2 Imitation

Can I learn the difference between an autobiography and a biography and write a different version.

Wk 3 Independent application

Can I write a biography for a famous person?

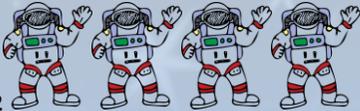
Narrative

Wk 4. Portal Story Immersion

Can I learn the language and text features of a portal story?

Wk 5. Imitation

Can I write from a different viewpoint and develop a story further?



### Term 2

Wk 1. Imitation continued

Can I create characters and settings for a new world?

Wk 2. Independent application

Can I write my own portal story?

Explanation/letter

Wk 3. Immersion

Can I learn the language and text features of an explanation of moonrise and moonset?

Wk 4. Imitation

Can I explain the movements of the planets around the sun?

Wk 5. Independent application

Can I write my own explanation?

## Geography and History

### The Space Race

Wk 1. Can I explain who invented the telescope and what effect this had on the space race?

Wk 2. Can I explain what happened and who took part in the space race?

Wk 3. Can I explain the first people to walk on the Moon were and the effect they had?

Wk 4. Can I explain how astronauts explore space today?

Using published schemes for:

LANGUAGES MUSIC PHYSICAL EDUCATION

Year 4/5 Spring Term - Science Theme

# Out Of This World

Curriculum Coverage

## Curriculum Enrichment:

### WOW - STUNNING START

*An out-of-this-world visit from Atomic Tom. A carousel of creative activities.*

### WOW - MARVELLOUS MIDDLE

*Design, make and evaluate a sundial/rocket.*

### WOW - FABULOUS FINISH

*Be an astronaut for a day. What do astronauts eat? Can we design a capsule to take into space?*

## DESIGN & TECHNOLOGY / ART

Can I use my sketchbook to review and revisit ideas?  
Can I develop my mastery of techniques and create representations of planets in different media?

## PSHE

Can I create a plan for achieving a goal and for dealing with adversity?

## R.E.

### Salvation

**Why do Christians call the day Jesus died 'Good Friday'?**

## COMPUTING

Can I use computers to research?  
Can I explain how I keep myself safe when online?

## MATHS

### Term 1

Wk 1. Can I find equivalent fractions?

Wk 2. Can I compare and order fractions and find fractions of amounts?

Wk 3. Can I identify and compare mixed numbers and improper fractions?

Wk 4. Can I read and write decimal numbers as fractions?

Wk 5. Can I solve scaling problems involving fractions?

### Term 2

Wk 1. Can I read, write and order decimals?

Wk 2. Can I round decimal numbers appropriately?

Wk 3. Can I solve problems with numbers up to 3 decimal places?

Wk 4. Can I recognise and use the per cent symbol (%)?

Wk 5. Can I use fraction and decimal equivalence to solve problems?



## SCIENCE

### Term 1

Wk 1. Can I describe the Earth, Sun and Moon as approximately spherical bodies?

Wk 2. Can I find out about the Earth, Sun and Moon and how far away from each other they are? (research)

Wk 3. Can I explain that an unsupported object will fall to Earth? (pattern seeking)

Wk 4. Can I explain why we have day and night and why the sun appears to travel across the sky? (observation over time)

Wk 5. Can I explain how air resistance affects objects that are falling? (comparative/fair testing)

### Term 2

Wk 1. Can I use data to draw conclusions about the sun at different times of year? (observation over time)

Wk 2. Can I identify the effect of water resistance?

Wk 3. Can I describe the movement of the Earth and other planets in relation to the Sun? (inc. classifying and grouping planets)

Wk 4. Can I describe the movement of the Moon relative to the Earth?

Wk 5. Can I investigate the effects of friction? (comparative/fair testing)