

# 'Out of this World'



## English (some key objectives)

### Spelling

Strategies for learning 'difficult' words from the statutory word list for Year 3/4 and Year 5/6; prefixes, meaning 'not' such as 'im' and 'in'; adding suffixes with vowels to words ending 'fer'; words ending 'ent', 'ence' and 'ency'; words ending 'ant', 'ance' and 'ancy'; the suffix 'ous' - rules for adding suffixes beginning with vowel letters;

### Reading

- Read 'War of the Worlds' (abridged) and 'The Peacemaker' by Malorie Blackman - use and develop skills of inference, prediction and summary
- Explore themes in the stories
- Develop reading skills: predicting, drawing inferences, summarising, justifying opinions with evidence

### Writing composition

- Plan and write own ending to 'War of the Worlds'; write detailed descriptions of aliens, using the senses
- Use a formal tone to write about alien species that inhabit an imaginary world
- Editing and proof-reading skills (e.g. for tenses, punctuation and spelling)

### Grammar/punctuation

- Revise pronouns, modal verbs and apostrophe for possession
- Formal language: active and passive sentences; the subjunctive form
- Simple past tense and present progressive tense.
- Revise word classes: adverb, adjective, determiner, noun, verb etc
- Punctuation of direct speech

## Mathematics (some key objectives)

- Place value of decimals up to three decimal places - thousandths (Year 5 and 6)
- Read, round, order and compare decimals (Year 5 and 6)
- Multiply decimals by integers e.g.  $1.212 \times 3$  and make links to money and measures (Year 6)
- Divide decimals by integers e.g. 3.69 divided by 3; use division to solve problems where the answer has up to 2 places (Year 6)
- Decimals as fractions - change a decimal into a fraction (Year 6)
- Convert from a fraction to a decimal by finding an equivalent fraction with a denominator of 10,100,1000 (Year 6)
- Multiply and divide by 10, 100 and 1000 (Year 5)
- Introduce per cent and understand parts per hundred; explore different representations; represent percentages as fractions using the denominator 100 and make the connection to decimals and hundredths (Year 5)
- Recall and use equivalences between simple fractions and percentages in different contexts; recognise simple equivalent fractions and represent them as decimals and percentages; find % of amounts (Year 6)
- Find missing values e.g. If 7 is 10% of a number, what is the number? Find % increase and decrease (Year 6)
- Measure and calculate perimeters; count squares and use a formula for area (Year 5)
- Find areas of compound shapes; find areas of irregular shapes (Year 5)
- Calculate areas and perimeters using formula (Year 6)
- Find the area of a triangle and of a parallelogram (Year 6)



### Science (Sun, Moon, Earth and Space)

- Learn how planets in the solar system are organised (use maths to model the dimensions of the solar system)
- To describe the Sun, Earth and Moon as approximately spherical bodies. How do we know? What is the evidence?
- Describe the movement of the Earth and Moon relative to the Sun
- Explain how people's ideas about the solar system have changed over time
- Use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky.
- Use data to draw conclusions about the Sun at different times of the year.
- Find out about 'time-zones'

### Science (Fly the Line Gilder Competition)

- Explore, test and modify gliders
- Find out how gliders work
- Design and make gliders

### Art

- Imagine and draw an alien to describe in detail
- Create a 3D world for the alien

### Computing ('We are Artists')

- Using a vector graphics programme (Inkscape) to create geometric art

### Music (taught by Mrs Dunsby)

- Listening and responding to pieces from Holst's 'Planets'
- Creating own pieces of music linked to a space stimulus

### French

- Madame Coulson - every Friday

### RE/PSHE (Buddhism)

- Find out how Buddhists worship
- Basic beliefs of Buddhism

### Physical Development (taught by Mrs Dunsby)

- Invasion games: hockey, netball, tag-rugby
- Teamwork, possession, scoring and defending skills
- Gymnastics
- 'Fitness Challenge'



