

# Our topic is "Out of this World"



Here are just some of the things we will be learning...

## English

- Spelling:
  - daily phonics for reading and spelling
  - prefixes (sub-, tele-) and suffixes (-ness, -ful, -less, -ly) (Year 3)
  - rules for adding -ing, -ed, -er and -est and -y to words (Year 2)
- In writing composition:
  - using capital letters, full stops, exclamation marks, question marks, commas for lists and the apostrophe for contraction and possession
  - using conjunctions to extend sentences e.g and, but, so, when, if, because, although.
  - using and punctuating direct speech - inverted commas (Year 3)
  - using fronted adverbials (Year 3)
- Writing:
  - narrative and non-fiction writing tasks linked to our topics including writing descriptions, instructions, simple narrative and information leaflets.
- Reading:
  - continuing to develop reading fluency, stamina and expression.
  - continuing to develop reading comprehension skills: predicting, drawing inferences, summarising, justifying opinions with evidence.

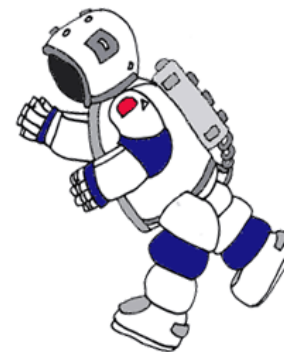
## Mathematics

### Year 2

- Addition and subtraction facts for numbers to 20 and 100.
- Multiplication and division facts for the 2, 5 and 10 x tables.
- Adding and subtracting 2 digit numbers in different contexts e.g. length/money.
- Solving problems in context involving all four operations.
- Use symbols for £ and p.
- Fractions of shapes, quantities or a set of objects -  $\frac{1}{3}$ ,  $\frac{1}{4}$ ,  $\frac{1}{2}$ , and  $\frac{3}{4}$ .
- Recognising  $\frac{2}{4} = \frac{1}{2}$ .

### Year 3

- Add and subtract numbers with up to three digits, using the formal written methods of columnar addition and subtraction.
- Add and subtract amounts of money to give change
- Multiplication and division facts for the 4, 8 and 3 x tables.
- Multiplying two digit numbers by a one digit number.
- Using fractions as numbers and finding fractions of amounts e.g.  $\frac{3}{4}$  of 24
- Adding and subtracting fractions with the same denominator e.g.  $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$
- Recognising simple equivalent fractions e.g.  $\frac{3}{6} = \frac{1}{2}$
- Counting up and down in tenths and recognising that tenths arise from dividing an object into 10 equal parts.



### Topic / Science - Out of this World

- Learn about the planets in our solar system and how they are organised.
- Begin to understand the movement of the Earth and the Moon relative to the Sun.
- Name and describe the different phases of the Moon.
- Name some famous cosmonauts and astronauts and explain what they did.
- Name some key events in the history of space and organise them on a timeline.

### Geography - A Rocky World

- Describe key aspects of the physical geography of mountains, volcanoes and earthquakes.
- Locate key mountains and volcanoes of the world on maps and look at where earthquakes are common.
- Name and describe different types of extreme weather and understand their impact on humans and wildlife.

### Science - Opposites Attract (Mrs Dunsby)

- Identify materials that magnets can attract
- Learn that magnetic forces can act without direct contact, unlike most forces, where direct contact is necessary
- Explore the behaviour and everyday uses of different magnets

### Computing - We are presenters

- Create a short narrated video - shoot videos and use editing software to improve.

### Art and Design / Design Technology

- Create space art in the style of Peter Thorpe.
- Imaginary space pictures using a range of media including printing and marbling.
- Design and make a nutritious snack for a mountaineer.

### Music - Mrs Dunsby

- Listen and respond to pieces from Holst's The Planets.
- Produce own musical compositions linked to space stimuli.

### RE - Understanding Christianity - What kind of world did Jesus want?

- Understand what disciples are and about the calling of the first disciples.
- Learn how Christians today try to follow Jesus and be fishers of men.

### PSHE - Feelings

- Explore strategies for understanding and controlling strong feelings and emotions and dealing with negative pressure
- Recognise that actions have consequences for themselves and others.

### Physical Development - Fitness circuits, hockey, rugby, handball.

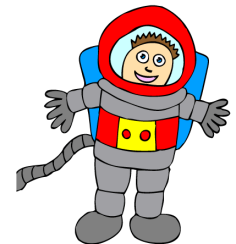
- Develop a sense of special awareness.
- Develop basic attacking and defending skills and apply these in modified, small team games.
- Develop components of fitness.
- Evaluate their own and others performance

### French - Madame Coulson - Friday pm (Year 3)

- School and school subjects

### Special Events

- Space Dress-Up Day (Tuesday 22<sup>nd</sup> January)
- Visit from Creative Science Mobile Planetarium (Tuesday 29<sup>th</sup> January)



### What can you do at home?

- Use the internet or visit the local library to research the planets and space.
- Read daily with your child. Enjoy discussing the books you read, commenting on characters, setting and structure. Encourage children to read to the punctuation and to read with expression.
- Help your child learn to tell the time.
- Help your child to develop an awareness of money - let them handle real money, add and subtract amounts of money to give change, using £ and pence in practical contexts
- Learn times table facts and related division facts ( $3 \times 6 = 18$  so  $18 \div 6 = 3$ )
- Play games with your child to help them practise and learn key spellings (see some ideas in homework book)

