

## Mathematical Development/Activities across the Age Range

Number Sense, Additive Reasoning

### Topic Themed Activities

- Weighing (and balancing) moon rocks, ingredients to make rock cakes.
- Measuring the depth of 'moon dust', distance between planets.
- 2D shapes, tessellation and symmetry – making aliens and rockets.
- Representing numbers using stars.
- Number games – travelling through space and designing our own games.
- Data handling – Who would want to travel to space?
- Money – learning about coins (linked to PSHE and British Values).
- Positional language – directing the BeeBot to different planets/rockets.
- Time – days of the week, hours to the moon.
- Counting in 2s, 3s, 5s and 10s.
- Using mental maths skills to solve problems as well as weekly checks on number facts knowledge.
- Multiplication and division using eyes on aliens.

### Possible Activities

- Creating a moon suit out of suitable materials and evaluating it.
- Comparing materials available in certain times in history.
- Watching moon landings
- The space race and space missions to other planets. Countries with space travel.
- Eating in space (and other things!)
- An astronaut's diary.
- Draw a space map and pilot the route by using compass readings.
- Learning about Tim Peake and comparing his experience with that of Neil Armstrong.

### Possible Activities

- Looking at what people do and how we can achieve our goals.
- Thinking about making other people happy
- Keeping our teeth healthy.
- Continuing to work with Tessa and Tom in our RE investigations.
- Easter: We will make an Easter garden, Easter bonnets and cook hot cross buns. We will talk about Jesus being selfless.
- Chinese New Year.
- Jewish festival of Purim.

### Knowledge and Understanding of the World

(Geography, History, Science)

**Science** – We are looking at classifying materials this term and deciding which materials are suitable to make things with.

**History** – Class 1 have had a little visitor. He has some relatives who have travelled with some great people in history such as Neil Armstrong, Christopher Columbus and Tim Peake. Class 1 are looking forward to finding out about these people but first the children will learn more about where they and these people fit in history.

### Personal, Social and Emotional Development

(RE, PSHE, Citizenship, SEAL)

Thinking about what our goals are for this year as well as our feelings and emotions. We will also be thinking about money. We will continue with our Good Samaritan Awards.

**RE** – How do we celebrate our journeys through life? Why do Christians put a cross in an Easter Garden? Celebrations. How do we make moral choices?

## Journeys 'To infinity and beyond...' Branscombe Class 1

### Communication, Language and Literacy

(Speaking, listening, reading, writing)

The children will be continuing to write both fiction and non-fiction using phonics strategies and spelling rules. They will be learning about different types of sentence and how to punctuate them – remembering finger spaces and cursive letter formation. They will be continuing to make good word choices and developing the skills of self-assessment of their work.

### PRESENTATION

Children to make their own red bus and bus stop/tickets, space station/inside the shuttle and also a black hole. Children will be dressing up as astronauts at different phases of their mission/journey. Display – space, the planets, scientific investigation station.

### Understanding of faiths, beliefs and cultures

Worship value:  
Courage

### Creative Development (Art, D&T, Music, Dance, Role Play)

**Music:** The children will be working on their listening skills and beginning to understand the place of pitch and t within a piece of music.

**Art/DT:** Use drawing, painting and sculptures to develop and share ideas (EAD). Develop art and design technique e.g. collage, photo montage, composition, pen and ink drawings, oil pastels, charcoal, paint and observational sketching.

### Possible Activities

#### Music:

- Learning about Holst and spending time listening to his music whilst beginning to recognise different instruments of the orchestra.
- Composing and performing space music whilst creating junk instruments (linked to 'Whatever Next').

#### Art/DT:

- Creating models of the solar system using papier mache.
- Creating artwork inspired by Holst's work.
- Learning about Ravillious and his painting of 'View from a train'.
- Design, make (using junk) and evaluate a rocket.

### ICT opportunities

As well as daily opportunities to explore ICT, the children will be

- Creating PowerPoint presentations.
- Representing information graphically.
- Researching information from the presentations or posters.

### Literacy texts

#### KS1

- 'Traction Man' by Mini Grey
- Writing a newspaper article for 'The Daily Cheese'
- 'Now You Know Science' – Information text, writing about experiments and experiences.
- 'Mrs Armitage on Wheels' by Quentin Blake
- 'The Train Ride' by June Crebbin
- Moon poetry - Man on the Moon

#### EYFS

- Fantasy – 'Here Come the Aliens', 'Aliens Wear Underpants', 'Whatever Next'.
- Edward Lear – The Owl and The Pussycat.
- The Naughty Bus – Jan Oke

### Possible Activities

- Cross-curricular writing for our science and topic such as facts finding about Neil Armstrong, newspaper article, science investigations using research from books and internet

### Physical Development

- Leap into Life – Year 1 Spring Units.
- Dance

### Possible Activities

- Making up their own dance 'The Planets' by Holst, look at suitable movements for each planet