

Mathematical Development/Activities across the Age Range

Number Sense, Additive Reasoning

Topic Themed Activities

- Weighing (and balancing) moon rocks and also ingredients to make rock cakes.
- Measuring the depth of 'moon dust' and the 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.

Journeys 'To infinity and beyond...'

Broadhembury Class 1

Possible Activities

- Opportunities for cross-curricular writing for our science and topic such as fact finding about Neil Armstrong, newspaper articles and science investigations using research from books and the internet
- Writing questions to ask the visitors from the Space Dome Experience.

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

Communication, Language and Literacy

(Speaking, listening, reading, writing)

As writers we will continue using our texts as an opportunity to apply our writers' knowledge and practise our handwriting, spelling and grammar skills.

Role play

The role play area will become our Class 1 Space Station and will be developed over the course of the half term. After half term our role play area will become the 'Santa Maria'

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
- Writing 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.

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.

THE VISIT/VISITOR

We hope to have a visit from the Space Dome Experience.

Physical Development (PE)

Dance
Leap into Life

Possible Activities

- Learning to Highland Fling for Burns night
- Learning a Lion Dance for Chir New Year
- Making up a space dance

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

Music: The children will be working on their listening skills and will begin to understand the place of pitch and tempo with a piece of music.

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

Possible Activities

- Having celebrations of our own such as weddings and Christenings
- Making our own Easter gardens
- Baking hot cross buns
- Making Easter bonnets
- Continuing with our Umuganda (more details to follow) We will talk about Jesus being selfless.
- Learning about Chinese New Year
- Jewish festival of Purim.
- Looking at what people do and how we can achieve our goals.
- Thinking about making other people happy
- Keeping our teeth healthy.

Personal, Social and Emotional Development (RE, PSHE, Citizenship, SEAL)

RE – We will be thinking about celebrations in our journey through life, looking at weddings and Christenings. We will be learning about the story of Easter and wondering why Christians make Easter gardens and put crosses in them and why Good Friday is called Good Friday if it's the day that Jesus died. We will also continue to learn about other Jewish festivals. 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 Our values in worship this term are Courage and creativity

Possible Activities

- Learn about Holst and spend 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')
- Creating models of the solar system using papier-mâché.
- 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.