

Maths: Week 1 (statistics)

- Solve comparison, sum and difference problems using information presented in a line graph.
- Complete, read and interpret information in tables including timetables.

Weeks 2-4 (Multiplication and division)

- Multiply and divide numbers mentally
- Multiply and divide whole numbers by 10, 100 and 1000
- Identify multiples and factors, including finding all factor pairs of a number.
- Recognise and use square numbers and cube numbers.
- Solve problems involving multiplication and division
- Establish whether a numbers up to 100 is prime and recall prime numbers up to 19.

Weeks 5-6 (Perimeter and area)

- Measure and calculate the perimeter of composite rectilinear shapes in cm and m.
- Calculate and compare the area of rectangles (including squares) using standard units and estimate the area of irregular shapes.

Tables and number facts.

We will also be working hard on our arithmetic work with daily challenges.

Topic:

Within our topic of Space and Earth, the children have been invited to take a trip to the National Space Centre where they will continue to immerse themselves with knowledge. Whilst at the Space Centre the children will be able to visit the Planetarium, Rocket Tower, Tranquillity Base and so much more. This half term we will be researching and watching Neil Armstrong landing on the moon. We will be doing work around Neil Armstrong's landing on the moon, to help us build on our knowledge of forces within science.

We also have lots of exciting computing, PE, reading and RE lessons to look forward to. What a busy term we have!

Earth and Space

Autumn 2 2017



English:

To start this half term, the children will be continuing with their topic of space through English, by creating their own unknown planet and aliens. With their creativity and imagination there are endless possibilities for their creations. The children will then be writing detailed setting and character descriptions all about their planet and aliens.

As well as this, we will be looking at the features and structure of a balanced argument. Using our previous debate topic, 'should we spend money on space exploration', the children are going to write their own balanced argument by showing their ability to have an unbiased opinion and see this topic from others' perspectives.

Following our visit to the space centre we will have a focus on persuasive and formal writing. We will be writing a formal letter of gratitude and thanks to the space centre for their hospitality and allowing us to visit and use their facilities. We will also be designing and creating an information booklet about the space centre, persuading people to go and visit their extraordinary facilities.

Debate:

After an amazing first half term of debating, we managed to come second in our first ever debate competition. We will continue to debate within class and build on the basic skills of debate, being able to agree and disagree with others opinions in a professional manner, follow the rules of debate and speak confidently in front of others. Some of this half terms debate topics are: Can you judge people by the way they look? Is handwriting important? And is it ever ok to lie?

Science:

Our topic for science this half term is forces. We will be learning all about gravity, the impact it has on us here on Earth and how gravity is different up in space. We will be completing scientific explanations to show our understanding of gravity, both on Earth and in space. As well as this, we will be learning more about the moon, with a focus on why we only ever see one side of it.