

## Year Five Autumn Term 2 2020

*Here is our topic for this half term. Please use it to support your children's learning. We will be learning all about the solar system and the 1969 moon landing.*

### As Scientists we will:

*Describe the movement of the earth and other planets relative to the sun in the solar system.  
Describe the movement of the moon relative to the earth.  
Describe the sun, earth and moon's shape.  
Explain day and night and the apparent movement of the sun across the sky.  
Identify scientific evidence that has been used to support or refute ideas or arguments.  
Record data and results in a range of scientific diagrams.*

### As Authors we will:

*Write for a range of audiences, changing our sentence structure to suit.  
Use our knowledge to write an account of the moon landing.*

### As IT technicians we will:

*Look at how to stay safe online including how to use blocking/reporting and unsubscribing mechanisms. We will discuss plagiarism and copyright and the importance of not copying and sharing information that is not ours. We will also be looking at cyber bullying and strategies to prevent and stop it.*

### As Citizens we will:

*Learning about our rights and responsibilities including democracy and how we use it.  
We will also be discussing our responsibilities around the environment and protecting it by looking at climate change and sustainability issues.*

### As Mathematicians we will:

*Interpret charts and graphs, be introduced to line graphs and learn to draw them. Use line graphs to solve problems. Read and interpret tables, two-way tables and timetables.  
Identify multiples, factors, prime numbers, square numbers and cubed numbers.  
Multiply and divide numbers by 10, 100 and 1000.  
Measure perimeter, find perimeter on grids, calculate perimeter of rectangles and compound shapes.  
Calculate area of compound shapes.*

## *The Big Question: Will we ever send another human to the moon?*



### As readers we will:

*Listen to a read stories linked to our units.  
We will be reading texts which are culturally diverse.*

### As Artists we will:

*Create art inspired by Andy Warhole and William Morris and use a range of media to create space art.*

### As Athletes we will:

*Develop and improve our team playing skills and improve our strength and flexibility during gymnastics.*

