

**January/February 2020**

Welcome back to a brand new year at Ash Green, we hope you had an enjoyable Christmas and are looking forward to the New Year!

**DT Project**

We are extremely excited to introduce a new project this half term. After learning all of the necessary information about Space, the children will make their very own informative 3D Solar System model! They will begin by considering their target audience and the information that they would like to relay to them and use this to plan the appearance of their model. Following this, they will make and evaluate a prototype before completing their final model. During this unit, the children will have the opportunity to develop confidence when using DIY tools such as saws, hammers, nails and glue guns.

**Discuss with your child, what they would like to make and if you have any resources that may come in handy, feel free to send them in! Thank you!**

**English**

This half term, children will take part in two very exciting units of writing. They will begin by learning a story using ‘Talk for Writing’ strategies. They will then innovate this story to create their own Space-themed story linked to their learning of “George’s Secret Key to the Universe”. During this unit, children will focus on setting and character descriptions. They will build suspense using short, snappy choices and figurative language as well as beginning to learn about relative clauses.

Following this, children will apply the knowledge that they have learned during Science to write their own newspaper article based on the first moon landing.

**You could help your child by researching facts about the first moon landing.**

**Maths**

To begin our new half term, children will complete a unit based on area and perimeter. They will learn how to measure and calculate the perimeter whilst exploring properties of shapes and will then learn how to calculate the area of rectangles, compound shapes and estimate the area of irregular shapes.

Later in the half term, pupils in year five will continue to develop their understanding of multiplication and division. They will learn the formal column method for solving multiplication questions and the bus-stop method for solving division questions and apply their understanding to solve a range of varied fluency, reasoning and problem solving questions linked to real life contexts.

**Please help your child by practising times tables with them.**

**Science**

**Key Words**

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| Space | Evidence | Justification | Earth | Solar system | Planets | Moon | Sun | Stars | Galaxy |

During this half term, children will develop their understanding around Space. To begin with, they will explore evidence and discuss whether the evidence suggests that Earth is flat or spherical, and which evidence is the most reliable. Following this, children will learn about the other planets in our solar system and create fact-files to share their information. Later in the unit, children will learn about the moon and how different “shapes” are created through the reflection of the sun; this will enhance their understanding of night and day too.



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| **PE – Dance/Gymnastics** | **Music – Who Knows** | **MFL – Family and Pocket Money** |
| **PSHE – Drug Education** | **ICT – Advanced Word Processing** | **RE – Peace** |



Please keep an eye out for a clubs slip coming home with your child on Monday (11th November).

Upper Site

**KS1**

Mrs Cawthra – singing club  
**KS2**  
Mr Wardman – ICT club

Mr Heppenstall – Sports club

Lower Site

**KS1**  
Mrs Rayner – music club  
**KS2**

Miss Hopkins – drawing and colouring club

Miss Bedford – ICT club