



Year Five News

Mayhill Junior School, The Bury, Odiham, RG29 1NB

February 2019

Full STEAM ahead

This half term, Year 5 have been set a challenge:

'To safely deliver as much water as possible to an aid project in Irma.'

Our friends at RAF Odiham have challenged the children to design, make, test and refine a vehicle to carry water. The vehicle must fit inside a model chinook carrier and will be dropped from 5 metres above the intended target. The children must consider how they can get their design to land safely in the specified drop zone, whilst preserving the water it is carrying. The project was launched before Easter, in an assembly led by staff from Robert Mays and RAF Odiham, who will be supporting us during the project. The children are very excited, as two teams will be selected to represent Mayhill at the Grand Final at RAF Odiham. We have entitled the project '**STEAM**' (**Science, Technology, Engineering, Art and Mathematics**) as the children will be using knowledge from across the curriculum, as they work in their teams to produce their vehicles.



English

This half term we will be using our English lessons to learn how to write an explanation text. For our STEAM project, the children will be producing a PowerPoint to detail the process of designing, making, testing and finalising their designs. Therefore, in English we will be learning key skills such as using headings, sub-headings, bullet points, labelled diagrams and other useful devices, to support the children to explain the process they have undertaken.

Maths

This half term we will be revising the children's understanding of number and place value and introducing negative numbers. We will also be developing our multiplication and division skills, so that children can calculate accurately and confidently. In addition, we will be starting to convert metric and imperial measurements. Following on with volume, weight and problem solving with all four operations.

How you can help your child:

There are some fantastic websites that help children to either revise main concepts or to speed up their maths mental recall. For example:

Place Value: <https://www.topmarks.co.uk/maths-games/7-11-years/place-value>

Times tables:

<http://www.topmarks.co.uk/maths-games/7-11-years/times-tables>

PE/Games

Children have 2 PE sessions every week, with each session lasting an hour. It is really important that they have their kit in school on those days. Year 5 have their PE lessons on the following days:

- **Indoor: Monday** – Gym
- **Outdoor: Thursday** – Netball



Homework

Year Five homework works in the same way as last term. It is set on a **Thursday** and must be completed by the following **Tuesday**. The children will have weekly spellings and a task that is either Topic/English based and a Maths activity. Any child who does not have access to a computer at home may use our ICT suite to complete their homework if agreed with their teacher. The children are tested on their spellings on a Tuesday morning, we then expect them to apply these spellings within their writing.

Reading: Research tells us that children should still read with an adult on challenging but enjoyable texts every week. Year 5 have been sent home with a reading record book with spaces to sign each time they read at home. We would like your child to read at least **three times a week** and to have this recorded in their reading diary with an adult signing the diary at least once a week. Reading diaries are checked weekly.

We are all very much looking forward to our STEAM project, and the children are already excited to design, make and test their very own products. If you have any questions or comments about your child's learning, do come in and see us!

Kind regards,

The Year Five team

Mrs Robson, Miss Smy, Mrs Rowlands and Mrs Meldon

Dates for the diary:

Parents evening

Wednesday 27th and Thursday 28th February

World Book Day

Thursday 7th March

Book fair

7th-13th March

Community Lunch

Wednesday 3rd April 12.30pm

Last day of spring term

Friday 5th April- 1pm finish

First day of summer term

Tuesday 23rd April