

YEAR 5 NEWS



November / December 2017

Mathematics

This year in Maths, the children will be working on groups of objectives linked to the following strands of Maths:

- Number and Place Value
- Addition and Subtraction
- Multiplication and Division
- Fractions and Decimals
- Measurement
- Geometry (Shape and Space)
- Statistics (Data Handling)
- All pupils in Key Stage Two will be extending their knowledge of the four operations by developing a written and mental method to answer multiplication and division questions. Once they have a secure method for both operations, pupils will be given a variety of problems to solve, within a range of different contexts. Pupils will continue to learn a number of problem solving strategies, where they will be encouraged to work collaboratively with each other, value each other's opinions and to persevere with trickier problems!
- If you'd like more information about strategies to solve number sentences, please don't hesitate to contact the class teacher.



LITERACY

This half term, literacy work in Year 5 will be focussing around a narrative poem called 'The Highwayman'. During this unit, children will be reading the poem and completing role play to gain a greater understanding of the main events within the text. They will extend their understanding by exploring the feelings of the individual characters through thought tracking, and will be writing a diary entry from different character's points of views. They will learn how to write similes, metaphors and personification to be included in their own poems. The children will also write a newspaper article about one of the shocking events in the poem. During this unit, they will interview different characters which will provide them with ideas and quotes to use in their reports.

Remember, you can help your child with their learning by discussing activities that they have carried out during the day's lesson. Encourage them to read every night, listening to them whenever possible.

Key vocabulary:

Narrative	poem	stanza
Highwayman	perform	similes
metaphors	personification	actions

Topic

Tudor Explorers

As you are aware, the curriculum subjects of History, Geography, Art and Design Technology are taught through topic work. This half term, the Year 5 children are going to be finding out about life in Tudor times, with a particular focus on the experiences of Tudor explorers. During this unit, children will be exploring the Tudor period by placing key events in chronological order on a timeline, and plotting the routes taken by Tudor sailors. They will also find out more information about the conditions that Tudor sailors lived and travelled in and will write a letter to a loved one in role as a sailor. If you have any books or DVDs about the Tudors or Tudor explorers which could be used as a stimulus for the children it would be great if they could be sent in to school. As an introduction to the topic, you could talk at home with your child about the Tudor period and your knowledge of explorers.

An open afternoon will be held for both Year 5 classes on **Wednesday 6th December** to create talking textiles that will retell the story of the Highwayman - keep an eye out on the school newsletter for more details nearer the time!



This half term, Year 5 will be continuing to study the topic of Materials and their Properties. During this topic, children will learn about evaporation and will plan and carry out a fair test to explore how evaporation occurs. They will also be investigating how to separate aspects of a mixture using sieving and filtration. Children will also be finding out more about the properties of different materials and how they can be grouped depending on these properties.

Key Vocabulary:

investigation	fair test	evaporation
separate	mixture	sieving
filtration	materials	properties

Other curriculum areas...



- PE – Dance and Invasion Games RE – Follow my Lead
 Music – Rounds ICT – Advanced Word Processing
 PSHCE – Getting on and Falling out



P.E - Pupils at the Upper Site will need their PE kits on a Wednesday afternoon and pupils at the Lower Site on a Thursday afternoon.
Homework - Yellow homework books will be going home every Thursday and should be returned to school by the following Tuesday.

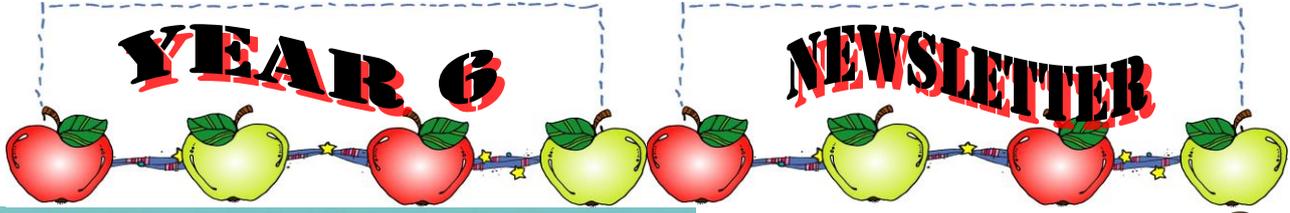


Upper Site
 Mrs Cawthra/Mrs O'Shea - Fun club KS1
 Mrs Cotton - Lego club
 Mr Heppenstall- Football club
 Mr Wardman - ICT club
 Miss Taylor - Netball club (Wednesday lunchtime)
 Mr Mayfield - Board game club

Lower Site
 Mrs Worthington/Mrs Brierley - Fun club KS1
 Miss Bedford - ICT club
 Miss Crowther (Y3) - Reading club (Wednesday lunchtime)
 Mrs Crowther (Y6) - Fun club KS2
 Miss Stephenson - Art club
 Mr Sheppard - Sports club



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Literacy

During this half term we are completing a Literacy unit called 'Go Orange for Orang-utans'. This unit will link to our zoo trip and our continued reading of 'Running Wild', with a particular focus on the treatment of orang-utans in Indonesia and the human actions that are causing them to become endangered. The writing opportunities in this unit will link to writing both biased and balanced arguments. Pupils will explore a key issue addressed in 'Running Wild', the poaching of Orang-utans in Indonesia, and will write their own biased letters to the Minister of the Forestry in Indonesia to inform him about the plight of these creatures. We will then move on to looking at balanced arguments linked to whether animals should be kept in zoos, exploring both positive and negative reasons linked to our own experiences on the trip. Through this unit, we will look at the structure and organisation of balanced arguments, before applying our knowledge of IPEELL to planning, writing and scoring a balanced argument against our individual KPI sheets. We will also be including elements of 'Talk for Writing' in our literacy lessons such as the boxing up method and story mapping. **Remember, you can help your child with their learning by discussing activities that they have carried out during the day's lesson. Encourage them to read every night, listening to them and answering questions whenever possible.**

Key vocabulary:

IPEELL	Introduction argument	Point balanced	Explain	Ending biased	Links Language
orang-utan	poaching	zoos	endangered		
conservation	deforestation	structure	organisation		

Mathematics

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- Measurement
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- Statistics (Data Handling)

All pupils in Key Stage Two will be extending their knowledge of the four operations by developing a written and mental method to answer multiplication and division questions. Once they have a secure method for both operations, pupils will be given a variety of problems to solve, within a range of different contexts. Pupils will continue to learn a number of problem solving strategies, where they will be encouraged to work collaboratively with each other, value each other's opinions and to persevere with trickier problems!

You can help your child with their Maths by talking about the concepts they have learned that day. Remind them how important it is to learn parts of Maths by heart, such as times tables and number bonds.

Topic - Go Orange for Orang-utans and World Food

As you are aware, the curriculum subjects of History, Geography, Art and Design Technology are taught through topic work. This half term, the Year 6 children are going to be basing some of their topic work on 'Go Orange for Orang-utans', linked in with a conservation project lead by Chester Zoo as well as learning about 'World Food'. This topic will be linked to our exciting trip to Chester Zoo and the protection of orang-utans around the world! During this topic, children will be applying their numeracy skills to produce bar graphs of endangered animals around the world as well as raising money for the orang-utans through our very own bake off challenge. Within the world food unit, we will be studying the origins of food using maps of the world to locate various countries. The children will also take part in a taste testing afternoon where they will sample known and unknown foods and provide an analysis of these. In addition to this, children will learn about the causes and impact of the world food crisis.

If you have any books, DVDs or magazine articles linked to orang-utans that could be used as a stimulus for the children, it would be great if they could be borrowed and brought into school. As an introduction to the topic you could talk at home with your child about zoos and the plight of orang-utans in the wild.

SCIENCE

This half term, Year 6 pupils will be completing a science topic based on Electricity. During this unit, children will begin by identifying common household appliances that run on electricity. They will extend this knowledge to creating circuits, identifying and naming the components that they include and using circuit symbols to draw accurate circuit diagrams. Children will also use electrical components to construct simple series circuits, investigating whether a lamp will light or not and how to alter circuits to change a lamp's brightness.

Key vocabulary

battery cell lamp buzzer
switch component series parallel
appliance
circuit symbol brighter dimmer complete



Curriculum

Other Curriculum Areas

PE – Dance and Invasion Games
Music – Exploring Rounds

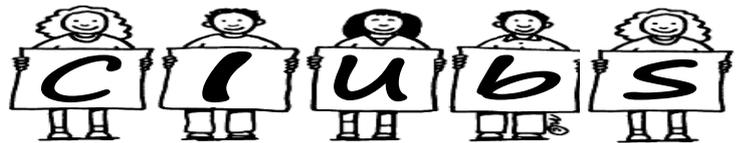
RE – Follow My Leader
ICT – Introduction to Spreadsheets



Important Information

The 'Go Orange' Bake Off Challenge!!

On Wednesday 29th November, each Year 6 class will be having a 'Go Orange' Bake Off competition. Children are invited to make a dessert at home- a cake, cupcakes, buns, flapjacks etc. and bring them into school on the date to be entered into the competition. Entries will be enjoyed and scored by all children. Prizes will be awarded for the desserts with the best design, the best taste and the most inventive link to the theme of orang-utans and 'going orange'.



Lower Site

Mrs Worthington/Mrs Brierley - Fun club KS1
Miss Bedford - ICT club
Miss Crowther (Y3) - Reading club (Wednesday lunchtime)
Mrs Crowther (Y6) - Fun club KS2
Miss Stephenson - Art club
Mr Sheppard - Sports club

Upper Site

Mrs Cawthra/Mrs O'Shea - Fun club KS1
Mrs Cotton - Lego club
Mr Heppenstall- Football club
Mr Wardman - ICT club
Miss Taylor - Netball club (Wednesday lunchtime)
Mr Mayfield - Board game club