

YEAR 5 NEWS



September / October 2018

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 learning about Numbers and Place Value this half term, before moving on to Addition and Subtraction. There will be an increased emphasis on problem solving this year, where the pupils will be posed with a variety of problems within a range of different contexts. Pupils will also be learning a number of problem solving strategies as the year progresses, and this will be a running theme throughout all of the topics listed above. We will be encouraging pupils to collaborate with each other, value each other's opinions and to persevere with trickier problems!

Remember that, at Ash Green, pupils are placed into Maths Sets based on ability.

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.



LITERACY

This half term, pupils in Year 5 will be completing a very exciting literacy unit based on the extremely famous Bear Grylls. They will be focusing predominantly on a text written by the outdoor adventurer called "Spirit of the Jungle", which is a story based in the Indian jungle near New Delhi. Throughout the half term, children will be extending their knowledge to enable them to write narrative texts. They will begin by stepping into the shoes of the main character, Mak, and writing a diary entry based upon one of his adventure-packed days. They will then follow on from this by writing a new chapter that could be included in the book. The children will particularly be learning about using language features such as expanded noun phrases and TRaMP adverbials to create atmosphere and build tension.

Key vocabulary:

Fiction	India	Jungle
Hindu	Adventure	Animals
Tension	Action	Outdoor
New Delhi	Wilderness	Survival

Topic - Inventors and Inventions

As with Literacy, children will extend their History, Geography, Art and Design skills through the "Spirit of the Jungle" text. They will begin by exploring the outdoor area and creating a shelter for themselves using man-made and natural resources. Later in the topic, children will explore inventors and inventions and learn about how cooking has changed since the introduction of modern inventions - they will even have the opportunity to experience cooking in the outdoors! The children will also have the opportunity to build their own life raft, linking their skills very closely with our Science unit of Changes of Materials and their properties.

Key Vocabulary:

Inventor	Inventions	Creation	Modern
Ancient	Compare	Change	Timeline
Research	Resources	Measure	Build



Science - Materials and their Properties

This half term, Year 5 will be studying 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 – Symbols
 Music – Cyclic Patterns ICT – Fun with facts
 PSHCE- Recognising risk and responsibility, body image and self esteem

IMPORTANT INFORMATION

P.E - Pupils at both sites will need to bring in their PE kits on a Wednesday afternoon.

Homework - Yellow homework books will be going home every Friday and should be returned to school by the following Wednesday.



Upper Site

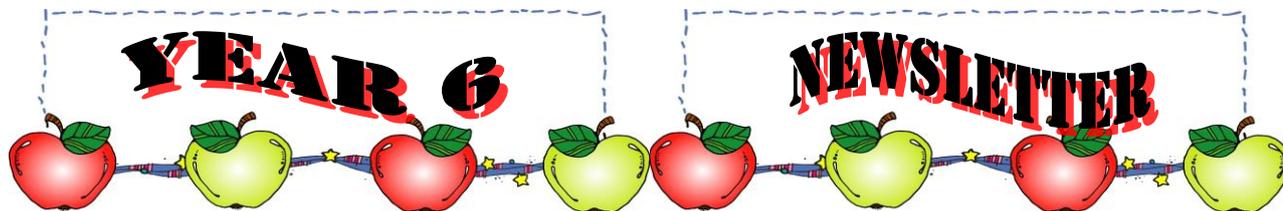
Mrs Cawthra - Singing club
 Mrs O'Shea - Homework club (KS1)
 Miss Thompson - ICT club (Wednesday lunchtime)
 Mr Wardman - ICT club
 Mr Heppenstall - Sports club
 Miss Taylor - Maths club (Wednesday lunchtime)

Lower Site

Mrs Worthington - Singing club
 Miss Crowther - Reading club (KS1)
 Miss Hopkins - Drawing/colouring club
 Mrs Cotton - Lego club
 Miss Bedford - ICT club
 Mrs Crowther - Board games club



September / October 2018



Literacy

We will begin the year with a very interesting and popular Literacy unit called 'Journalistic Writing'. In this unit, children will learn how a newspaper report is written and presented, whilst also gaining an understanding about why it is important that news pieces are factual and not biased. The children will base their newspaper reports on the book we are reading in topic, 'Running Wild', and by recalling the actual events of the tsunami which occurred on Boxing Day 2004. Children will use IPEELL and Talk for Writing strategies to help them structure their writing and write a successful newspaper report of their own.

Towards October half term, we will then move on to another unit linked to 'Running Wild' with a focus on balanced and biased arguments. In this unit, we will be exploring another key issue addressed in 'Running Wild', the poaching of Orangutans in Indonesia, and whether these creatures should be kept in zoos to protect them.

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 asking questions whenever possible.

Key vocabulary:

newspaper	journalist	journalism	quote	
headline	main body	recount		IPEELL
tsunami	Indonesia	orang-utans	poaching	



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- Measurement
- Geometry (Shape and Space)
- Statistics (Data Handling)

All pupils in Key Stage Two will be learning about Numbers and Place Value this half term, before moving on to Addition and Subtraction. There will be an increased emphasis on reasoning and problem solving this year, where the pupils will be posed with a variety of problems within a range of different contexts. Pupils will also be learning a number of problem solving strategies as the year progresses, and this will be a running theme throughout all of the topics listed above. We will be encouraging pupils to collaborate 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, particularly times tables up to 12 x 12.

Topic - Running Wild

As you are aware, the curriculum subjects of History, Geography, Art and Design Technology are taught through topic work. This half term, we are going to be basing our topic work on a book called 'Running Wild' written by Michael Morpurgo. During this topic, we will be finding out about different natural disasters, especially the tsunami that struck Indonesia on Boxing Day 2004, through watching video clips of the event and reading about Will's experiences in the story. Children will also be learning about how a tsunami is caused, where natural disasters occur around the world and how their impact differs depending on whether people live in richer or poorer countries. Children will explore the topic creatively by working within teams to plan and design a building to withstand an 'earthquake' and by using a range of media to portray a scene and a character's feelings.

If you have any books, DVDs or newspaper cuttings linked to the Indonesian tsunami or different natural disasters 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 different natural disasters and any memories of natural disasters that you may have.

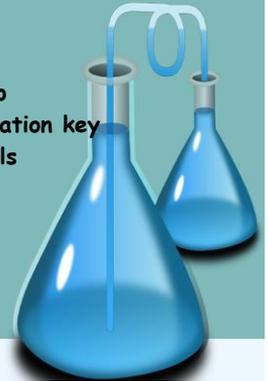
An open afternoon will be held in both classes on **Wednesday 24th October**, where we would like to share our knowledge about the Indonesian tsunami so far, and for you to help us create a tsunami collage using different resources. If you have any resources that could be brought into school to be used for our collages, such as paper, plastics and material of different textures, then we would be very grateful!

Science

This half term we will be learning about 'Living things and their habitats'. During this unit, pupils will be recognising that living things can be grouped in a number of ways and will give reasons for classifying plants and animals in such ways. Children will also be creating their own labelled food chains to show feeding relationships within a habitat, and gaining a greater understanding that humans and animals get nutrition from what they eat. As part of this unit, we will also be gaining an awareness that living things have changed over time, and that fossils provide us with information about living things that inhabited the Earth millions of years ago. Science will be taught by Mrs Crowther at the Lower Site and Mrs Main, our science manager, at the Upper Site.

Key Vocabulary:

animals	habitats	group
classify	food chain	classification key
living things	nutrition	fossils



Other Curriculum Areas

PE - Dance and Striking and Fielding games

Music - Cyclic Patterns

RE - Symbols

ICT - Research and Presentation skills



Important Information

We are delighted to announce that the popular Year 6 residential to PGL at Winmarleigh Hall, Preston, has been booked for **Monday 20th - Wednesday 22nd May 2019**. At PGL, pupils will be able to experience a number of exciting activities, which in the past have included climbing, zip wire and assault courses! Look out for a letter next week about how to secure your child's place on this fantastic visit.

PE- Pupils on both sites will have PE on a Tuesday afternoon, please ensure they have their PE kit with them.

Homework-As Year 6 is such an important year, we ask for your support in ensuring that homework tasks are completed and are returned to school at the allocated times. All homework in KS2 will be sent out on a Friday in yellow homework books, these should be returned by the Wednesday of the following week.

Secondary school applications- Applications for secondary school places for Year 6 pupils are online now and can be found on the main page of the Calderdale council website (www.calderdale.gov.uk). Applications must be made online before the deadline of 31st October 2018. If parents need any assistance with the completion of this form, Miss Halstead (ICT tutor) will be glad to help.

Key Stage 2 SATs week- Just for your awareness, the Key Stage 2 SATs week is the week beginning 13th May 2019.



Lower Site

Mrs Worthington - Singing club

Miss Crowther - Reading club (KS1)

Miss Hopkins - Drawing/colouring club

Mrs Cotton - Lego club

Miss Bedford - ICT club

Mrs Crowther - Board games club

Upper Site

Mrs Cawthra - Singing club

Mrs O'Shea - Homework club (KS1)

Miss Thompson - ICT club (Wednesday lunchtime)

Mr Wardman - ICT club

Mr Heppenstall - Sports club

Miss Taylor - Maths club (Wednesday lunchtime)