



Curriculum Newsletter

GOLDSBOROUGH SICKLINGHALL Federation

Class 4 - October – December 2021



The Christian / Human Values we are exploring this half term are: Friendship and Forgiveness
 Our 'Big Thinking' SMSC Question for this half term is: How do people celebrate friendship and demonstrate forgiveness in different localities?

English



- In English this half-term we will be exploring the features of a newspaper and adventure narrative. The outcome will be to apply all sentence, punctuation, and vocabulary skills to plan and write a newspaper article about Edmund Hilary and Tenzing Norgay becoming the first confirmed climbers to reach the summit of Mount Everest. Pupils will also use their knowledge of descriptive language to write an adventure narrative about Edmund Hilary and Tenzing Norgay's journey climbing Mount Everest.
- Our weekly reading lessons will focus on sequencing and summarising practise where children will have the opportunity to read aloud to an audience and compare texts.
- Our class text will be 'Survivors' it is a collection of short stories about courageous survivors individuals from Ernest Shackleton to Colby Coombs.

Maths


Our focus is: Multiplication and Division.

- Year 5 and 6 will be learning to multiply up to 4-digit numbers by a two-digit whole number using the formal written method of long multiplication. Children will also be able to use the area model. In addition, they will be able to divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context.
- Children will also be developing their knowledge of prime numbers, prime factors, multiples and common factors.
- We will continue to offer problem solving opportunities for children to apply their understanding in a real-life context. We will challenge the children by asking them to reason about questions, this will encourage a greater depth of understanding. Children will access I See Reasoning activities and Mastery and Mastery with Greater Depth Challenges:

$$\begin{array}{r} 128r3 \\ 5 \overline{)643} \\ \underline{50} \\ 14 \\ \underline{10} \\ 43 \\ \underline{40} \\ 3 \end{array}$$


$$643 \div 5 = 128r3$$

Challenge:
 A 50cm length of wood is cut into 4cm pieces.
 How many 4cm pieces are cut and how much wood is left over?



Fill in the blanks to represent the problem as division:
 ÷ = remainder
 Fill in the blanks to represent the problem as multiplication:
 × =

A 1m piece of ribbon is cut into equal pieces and a piece measuring 4cm remains.
 What might the lengths of the equal parts be?
 In how many different ways can the ribbon be cut into equal pieces?



Y6 Challenge:
 Can you find the missing integers in these calculations?
 Find the missing numbers in these calculations:

$2 \square \square$	$3 \square \square$	$\square 16$
$12 \overline{)3 \square 80}$	$1 \square \overline{)52 \square 3}$	$\square 3 \overline{)95 \square 8}$
$\square 1 \square \dots$	$\square 27 \dots$	$33 \square \dots$
$13 \overline{)66 \square 9}$	$\square 8 \overline{)175}$	$21 \overline{)7 \square 0}$

We will continue to challenge the children on their knowledge of KIRFs (key instant recall facts) from Autumn 1 and ask them to revise their next set for Autumn 2, please see below.

How can I help?

Children to Read for a minimum of 15 minutes reading every night (logged by the children and noted in their Planner).

Children have a read theory login (in planners). Read theory helps pupils develop their reading comprehension. Children should be completing a couple of reading theory comprehensions a week at home.

Recommended Reads: King of the Cloud Forests by Michael Morpurgo, Echo Mountain by Lauren Wolk, The Brockenspectre by Linda Newbery, When the mountains roared by Jess Butterworth and Dragon Mountain by Katie and Kevin Tsang.

What are summarising skills?

Fluency - reading the text quickly and accurately – we are aiming for 90 words per minute of an age-appropriate text.

Summarising- To be able to summarise the main ideas from a text.

- What happened after___?
- Can you summarise the text in three sentences?
- Can you number these events 1-5 in the order they happened?
- What is the main point of this paragraph?
- What is the main message/theme?
- What does the first/last part of the text focus on?

Spelling: Learn the list of spellings which are given to the children each half-term. The patterns change every week. The children should also be practicing their Year 5 and 6 statutory words, these can be found in their planners.

How can I help?

Regular use of Times Table Rock Stars will support children's rapid recall of key facts. Short, regular practise of the KIRFS, in relation to a day to day activity will also support rapid recall. (E.g. scaling the number of eggs when baking)

Useful Websites:

www.topmarks.co.uk

<https://www.iseemaths.com/lessons56/> (supports

pupils reasoning and problem solving)

[https://www.bbc.co.uk/bitesize/subjects/z826https://nrich.maths.org/13786n](https://www.bbc.co.uk/bitesize/subjects/z826https://nrich.maths.org/13786n39)

[39](https://www.bbc.co.uk/bitesize/subjects/z826https://nrich.maths.org/13786n39) (supports pupils

reasoning and problem solving)

<https://www.educationquizzes.com/ks2/maths/>

(has quizzes for each national curriculum objective for each year group)


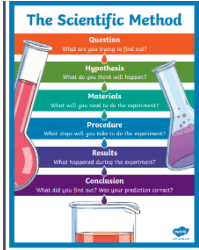


KIRF Target – Autumn Term 2

Year 5 - I know the multiplication and division facts for all times tables up to 12×12






Year 6- I can identify common factors of a pair of numbers

Please see attached KIRF target letter for a complete list of revision targets and if you would like any support or ideas on how to further support embedding these targets please just ask.

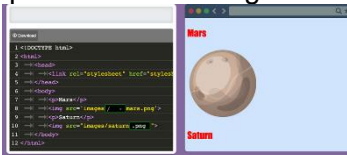
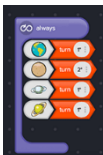


Curriculum: Key Skills, Knowledge and Enrichment


Topic – Geography	Science - Materials	P.E
<p>Our focus is: Mountains</p> <p>Skills / Knowledge to be developed: Over the course of this term, the children will be exploring how mountains are formed, finding out about the five main types of mountain and looking at examples of each from around the world. This knowledge will be further developed through a visit from the chair of the National Geological Society. The children will also be learning about the mountain ranges and highest peaks in Europe; the highest peaks in the world (both above and under water) and the highest peak in our solar system! The children will also have the opportunity to explore how the tourist industry impacts the mountain environment and the people who live there.</p>  <p>Greater Depth Challenges: Children will be able to name and locate the countries of Europe on a map. They will also be expected to draw comparisons between mountain ranges and give specific examples of where tourism has had both positive and negative consequences for the environment and those who live there.</p> <p>Applied through: Geography/English / Maths</p>	<p>Our focus is: Forces</p> <p>Skills / knowledge to be developed: children will learn that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object. They will identify the effects of air resistance, water resistance and friction, that act between moving surfaces and learn to recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect.</p> <p>Greater Depth Challenges: Children will be challenged to further explore and explain their hypotheses using subject specific vocabulary using concept cartoons and challenge questions</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 5px; background-color: #800000; color: white; text-align: center;"> <p>Which will reach Earth first if dropped from the same height: 1kg of feathers or 1kg of steel? (explain concepts)</p> </div>  </div>  <p>Applied through: Discussing, understanding and explaining the concepts in detail. Investigations and conducting fair tests.</p>	<p>Our focus is: Rugby</p> <p>Skills / knowledge to be developed: Children will learn to apply their learning into game situations developing their knowledge of tactics. Additionally, children will develop their leadership skills by leading activities for others.</p> <p>Greater Depth Challenges: Children will be able to play in a range of positions and know how to contribute when attacking and defending.</p> <p>Applied through: P.E lessons</p> 
<p>How can I help? Look at an atlas with your child and discuss the European mountain ranges with them. What do they know about the positive and negative impact of tourism on a specific location?</p>	<p>How can I help? Discuss everyday examples of Forces – push and pull. What happens in tug of war or when a toy car is being pushed along the ground.</p>	<p>How can I help? Please ensure that children have PE kit (including trainers) for the whole week as other indoor and outdoor sessions might take place at alternative times.</p>

Curriculum: Key Skills, Knowledge and Enrichment

DT	French	PSHE / Wellbeing	R.E.
<p>Our focus is: Frame structures</p> <p>Skills / knowledge to be developed:</p>  <p>Children will identify a purpose for their product and draw up a design. They will plan and select tools and materials for a purpose and learn the correct way to use these tools safely. They will learn how to evaluate their design against the original specification.</p> <p>Greater Depth Challenges: children will further explore alternative methods if the first structure fails, and they will evaluate this process using specific subject vocabulary.</p> <p>Applied through: drawing, ICT, group discussion, use of practical apparatus and materials.</p>	<p>Our focus is: Les portraits et Les Cadeux</p>  <p>Skills / knowledge to be developed: Children will use their prior knowledge of body parts in French when completing self-portraits. The focus of this half-term is for pupils to explore how to ask, buy and thank people for presents in French. Pupils will also learn a Christmas carol and perform a French play.</p> <p>Greater depth challenges: Children will play with language and develop a greater understanding of grammatical rules.</p> <p>Applied through: Art, Drama, singing and discussion with partners.</p>	<p>Our focus is: Becoming an active Citizen</p>  <p>Skills / knowledge to be developed: Children will gain an understanding that circumstances in other countries are different and that decisions we make have an international impact e.g. Fair Trade and climate change. Children will learn to recognise and challenge stereotypes.</p> <p>Greater Depth Challenges: Children will have an understanding of how issues are presented in the media can alter and impact people's perceptions. Children will begin to identify media bias and know where to go to find impartial information.</p> <p>Applied through: Discussion, Partner/Group work, Relax Kids, Cosmic Kids. Videos. Emotional check-ins and meditation.</p>	<p>Our focus is: Christianity (Arts and Architecture/charity and generosity)</p>  <p>Skills / knowledge to be developed: children will learn to describe and make connections between examples of religious creativity (Churches) and explore religious teachings, charities and ways of expressing generosity.</p> <p>Greater depth challenges: children to reflect on their own experiences and explore the question of how important Art and charity is to the Christian faith.</p> <p>Applied through: Group work, whole class discussion, art and reflection.</p>
<p>How can I help? Research different frame structures and their purpose (tents/shelters/wigwam) What shape is the most effective and which material would work better.</p>	<p>How can I help? Children can use the free app Duolingo to improve their French (pupils do not need a login from the school to use Duolingo). https://www.duolingo.com/</p> 	<p>How can I help? Talk with your child about their emotions and explore mindful moments using Relax Kids activities or Cosmic Yoga. https://www.relaxkids.com/</p>	<p>How can I help? Explore Christian architecture and paintings together and discuss what you like about them. Talk to your child about charities and what it means to be generous not only in financial terms.</p>

Curriculum: Key Skills, Knowledge and Enrichment

Computing	How can I help?
<p>Our focus is: Computer Science-Programming</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div> <p>Skills / knowledge to be developed: Pupils will learn how to use sequence, selection, repetition and work with variables. In computer Science, pupils will work with various forms of input and output using block coding and python to create quizzes and games.</p> <p>Applied through: Computing</p>	<p>To remind your child of the importance of being safe online and checking your parental filters.</p> <p>The use of Social Media has an age restriction of 13.</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div>

Homework	Any Other Information / Dates for the Diary
<p>Ongoing Homework</p> <ul style="list-style-type: none"> Reading: a minimum of 15 minutes reading every night (logged by the children and noted in their Planner). Children have a read theory login (in planners). Read theory helps pupils develop their reading comprehension. Children should be completing a couple of reading theory comprehensions a week at home. KIRF Target: See attached letter. Maths: Please use Times Tables Rockstars weekly to practise rapid recall skills. Spellings: Learn the list of spellings which are given to the children each half-term. The patterns change every week. The children should also be practicing their Year 5 and 6 statutory words, these can be found in their planners. <p>Please encourage your children to discuss their homework at home in order that they develop the skills of explanation and reasoning.</p>	<p>We encourage you to follow our school Twitter account @GS_Federation. We regularly post updates and photographs of what your children are learning in class alongside other important school information, reminders and updates.</p> <div style="text-align: right;">  </div> <p>Please note, all dates are subject to change depending on current guidance from Public Health and the Local Authority.</p> <p>Anti-bullying Week – 15th - 19th November Children in Need Day – 19th November Yorkshire Geology talk: Friday 26th November FROGS Christmas fair: Dates and Arrangements TBC Class party: Dates and Arrangements TBC Christmas Carol service: Dates and Arrangements TBC Break up for Christmas: Friday 17th December at 2pm</p>

Thank you, as always, for your continuous help and support. If you have any queries, please do not hesitate to contact us or make an appointment at the office to arrange a meeting after school.

Mrs Ashford