

Weekly Maths activities

Angles: Week 9

Look: Visit the White Rose website here

<https://whiterosemaths.com/homelearning/year-5/> and click on 'Week 9 for wb 22nd June. There are four short videos for you to watch – you could watch one each day.

Find:

Watch the videos to remind yourself of the learning we did in class about angles. You can write down anything new that you learn about these areas. Do a lesson a day, then self-mark. Don't feel you need to print out the sheets, you can just do them on a separate piece of paper.

Try:

Use the information to have a go at some of these tasks:

- There are Worksheets to accompany the videos which can be found on Purple Mash. The worksheets have been set as 2Dos, but can also be found if you click **Work > Class > Herons/kingfishers > Work wb 6th July > White Rose sheets**. Now that twinkl sheets are no longer free, any referenced sheets can also be found in this folder in purple mash. Keep clicking the down arrows until you reach the "answers" folder to find everything.

**Try:**

- Create a poster naming the different types of angles and explaining how to measure them accurately to a Year 3 child. Can you come up with a fun way of remembering the names? Here's an example:

The Angles

Come and meet the Angle family...



- Join two strips of card with a split pin – like this:



What angles can you find around your house?

- Have a go at this estimating angles game on NRICH <https://nrich.maths.org/1235>
- Try this angle game <https://www.topmarks.co.uk/Flash.aspx?a=activity16>

Weekly reading activities

Read every day for 30 minutes a day. This can be your child reading for pleasure or reading to you. You could also read to them.

If your child is reading with you, ask them questions about the book.

Example questions could be:

- Could you summarise the last page/chapter/paragraph?
- What predictions can you make based on what you have read so far? If you're starting a new book, before you begin, write three predictions based on the front cover.
- Choose a word. Find a synonym/antonym for the word.
- Why has the writer chosen to use the vocabulary to create an atmosphere?
- What clues can you infer based on the text about a character?

Encourage your child to read a range of texts: fiction (all styles and genres), non-fiction (history, science, nature etc), comics, graphic novels, magazines, newspapers, advertisements, leaflets, brochures, instructions (e.g cooking) etc.

Serpents of the Nebula / Busters Blitz

Look: Purple Mash produces a daily reading task, following a book chapter by chapter. The book, called Busters Blitz, continues into Wednesday of this week, after which a new story, Horde of Ravens, follows (Week 8 on the Purple Mash weekly activity). See the link below.

https://www.purplemash.com/#tab/pm-home/weekly_activities/weekly_activities_9_11/weekly_9_11_wk8

Find: Every day this week, a chapter from Busters Blitz and then Horde of Ravens is read and then there are questions linked to them in the comprehension section (see below).

Try: There are comprehension activities linked with each day's chapter, Tues-Fri which you can attempt.

Weekly writing activities

Look & Find: Writing a comic and using parenthesis

This week we are looking at creating your own story through comic strip. In the process, you will also be expected to use parenthesis (brackets or dashes) as a means of adding extra information.

I'm sure you don't need guidance from an old fuddy-duddy like me about where to find comics, but just in case ...

Search for:

The Beano
 Superman
 Spiderman
 Andy Cap
 Marvel comics

I'm sure I'm showing my age here, but these are some of the older classics. Make sure that you search for **comics**, so you don't get the film version.

When you have seen some examples, go to the BBC Bitesize lesson that helps you develop the skills:

Writing a Comic and Using Parenthesis (22 June)

<https://www.bbc.co.uk/bitesize/articles/zvmmkty>

Try: To write your own cartoon/comic strip. You could do it using a series of drawings, or you could use photos of you and your family telling a story, with speech/thought bubbles and narration attached, or you could use pictures from magazines.

Some ideas, if you're struggling, for a topic;

A Day in the Life of ...
 The Shackleton Expedition
 The Moon Landing
 Lockdown Hero, a Superhero

- Write out your name- what angles can you find in the letters (sheet saved on Purple Mash)
- Use your knowledge of angles to draw different shapes in Scratch- there's a "How to" guide and challenge set on Purple Mash in the Work folder.
- Have a go at this calculating angles spider game <https://www.mangahigh.com/en-gb/games/atangledweb>
- Do you have K'NEX at home? If so can you make different sized angles using it?



Rehearse:

Have a go at the **Friday Maths Challenge**- Don't forget there are lots of maths games on Purple Mash and activities on Mathletics. <https://www.purplemash.com/sch/bellbird>

Britain/Sawston in the Year 2220

Have fun, but don't forget, there is a real skill to this. Think hard about your choice of vocabulary: you haven't got much space, so you need to tell the story clearly and succinctly – PLAN IT before spoiling your drawings.

Spellings and Grammar focus

Look and Find: Using Brackets (BBC Bitesize 30 April)

A Bitesize lesson featuring an entertaining song and using Michael Rosen's Chocolate Cake. This work should tie in with the Comic work in the Writing work for Home Learning.

<https://www.bbc.co.uk/bitesize/articles/zn8c47h>

If you want to revisit the song, see the link below:

<https://www.bbc.co.uk/teach/supermovers/ks2-english-commas-brackets-dashes-with-ben-shires/zh32cqt>

Weekly spellings

<https://www.purplemash.com/#tab/pm-home>

Purple mash has a fantastic spelling resource with specific activities for each year group. You can find this under "English" then "Spelling Resources"- "Year 5"

Revising High Frequency Words:

Group 1:

1. past
2. pass
3. parents
4. only
5. old
6. Mr
7. Mrs
8. move

Revising Year 4, 5 & 6 word lists

Group 2 :

1. popular
2. position
3. possess
4. possible
5. potatoes
6. pressure
7. probably
8. promise
9. purpose
10. quarter

Group 3 :

1. identity
2. immediately
3. individual
4. interfere
5. interrupt
6. language
7. leisure
8. lightning
9. marvellous
10. mischievous

Practise your spellings in a range of ways...

Rainbow writing – different colours for each word

Look, cover, say, write, check

Pyramid writing

S
Sc
Sci
Scie
Scien
Scienc
Science

Check you understand what each word means and write 5 spellings in a sentence.

Foundation subject activities

Science: The Digestive System

Look: Have you ever wondered what happens to food after you eat it and why you need to eat? Take a look at these two video:

<https://www.bbc.co.uk/bitesize/topics/z27kng8/articles/z9wk7p3>

<https://www.youtube.com/watch?v=ZBZWgrfZFbU>

Topic : The Final Push

This is the beginning of the last two weeks (and a bit) of term. Therefore I'm asking for a piece of work (that you might want to bring to school in September) that is taken from the last year of topic work.

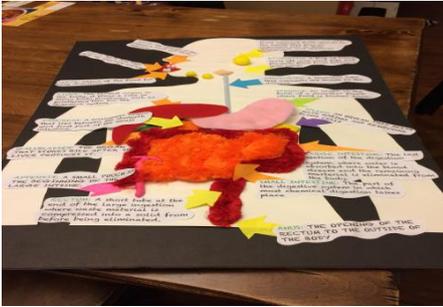
Look and Find: I'm not going to suggest any websites for this project, as you may be approaching this project in any one of a number of ways. Furthermore, after 3 months or more of home learning, you will be very

Find: Have a read at this page- can you find all the different stages of digestion? <https://kidshealth.org/en/kids/digestive-system.html>

Try:

You could:

Draw around your body and make a model of the digestive system- label it and write a short note on what happens on each stage. You can use anything! Recycling, old cloth, paper etc. whatever you have to hand. You could make a little version on A4 if that's easier. *Think back to the week on eating healthily. Whatever enters your digestive system ends up in your blood and is circulated all around your body. You could add on pointers on why eating healthily is important.*



- Draw a diagram of the digestive system and add labels. Here's a template you could use. <https://www.twinkl.co.uk/resource/t2-s-448-digestive-system-labelling-worksheet>
- Write a story- Imagine you're a piece of cake! Describe your journey as you travel through the digestive system.
- Fancy getting a bit messy? Try "digestion" with a pair of tights - https://www.bbc.co.uk/bitesize/topics/zf339i6/articles/zrm48m_n
- Have a go at labelling the digestive system on a Purple Mash Quiz (set as a To Do)

familiar with a wide range of websites, and also with how to use search engines to find useful information. One tip, however: if you put 'KS2' at the end of any search (i.e : Shackleton for KS2), you are more likely to find a list of websites better suited to children.

The aim of the two week project is for you to produce a piece of work that explores the topic you have chosen and informs the audience.

You could produce a project in a range of ways:

- An information text (non-chronological)
- A time-travel piece, in which you travel through the 20th century, meeting significant people or witnessing major events. You may wish to use video or 'radio' interviews for this, using scripts given to members of your family.
- A detailed and elaborate timeline of the most significant events of the 20th Century. This might be general, or focus on a particular aspect of the period: music; space exploration; technology and inventions; polar exploration; the environment etc.
- A comparison between two events: similarities and differences: e.g. Shackleton and Armstrong ; Shackleton and Scott
- Other 'Lockdowns' in the 20th Century:
The 22 men left on Elephant island.
The men in Space (especially those in the International Space Station).
- A cartoon strip/comic strip account of one of the major events. Be sure to use pictures and drawings, and be sure to include plenty of factual details.
- A Guide to the history of ...
Of particular interest might be the development of environmental issues, or the changes in Antarctica, or the growth in endangered animals.

The suggestions above are just that : suggestions. You may have your own area of interest, however small or large, from the last three terms:

Shackleton
Antarctica
Space – 'history' and exploration
Post-War Britain : UK in 1950s, 60s, 70s 80s,.

There are a tremendous number of areas that you may wish to focus on; feel free to be as particular or broad as you want. The key is to make sure what you produce has plenty of details.

Outdoor/Indoor

Following on from last week's environmental work, this week there are a number of activities to choose from which explore and develop our understanding of the environment. It includes recreating the principle of a water turbine or making a robotic figure out of packaging waste. Have a look at the website and take your pick. Make sure you use the outdoors as part of the exercise.

<https://www.highspeedtraining.co.uk/hub/environmental-awareness-for-kids/>

Make sure that you take photos of your work as it progresses.

Art: The Final Push (see above)

Try: Following on from the project above, produce a work of art that links in with an aspect of the year's topic work.

There are a number of ways you could present the work:

- A collage
- A poster
- A painting or drawing
- An 'Archibaldo' style of art.(see last week's art).
- A David Hockney photographic montage style: see the site: <https://digital-photography-school.com/how-to-make-a-cool-david-hockney-inspired-photomontage-in-photoshop/>
- A computer generated image
- A (Potato?) print
- A geometric shape with different elements included within.
- A sculpture
- A lego sculpture
- A papier mache model
- Some form of artistic baking.

Any ideas will be of interest. Just give it a go!

French- Ma famille est comment? – What does my family look like?

- 1) Listen to this song about a family.
<https://www.youtube.com/watch?v=MFk9YmJv-jc>
Can you work out what these family members are in English?

Mon père, ma mère, mon frère, ma soeur, mon oncle, ma tante, mon grand-père, ma grand-mère

- 2) Go to this website
http://www.rachelhawkes.com/Resources/Y4_French/Yr4SummFr.php and click on 'Lesson 24 with audio'. Put the presentation in 'slideshow mode.' Play slides 1-28 and hear and repeat the French words 3 times or more.
- 3) A. Draw your own family or a family you have invented
- B. Label the family members in French. Use the slides to help you.
- C. Can you write some sentences about your family like the ones in the slides? Can you describe your family's hair and eyes? Have you got any pets?

Helpful words:

j'ai – I have

qui s'appelle – who is called

mon père/ mon frère s'appelle – my dad/ brother is called

ma mère/ ma soeur s'appelle – my mum/ sister is called

il a – he has

elle a - she has

il est – he is

elle est - she is

Additionally Mrs MacFarlane has also kindly created a private YouTube channel with her reading a French story for year 5. **Please do not share it around.** It is for invitees only

<https://youtu.be/0w4z8DC26pY>

Music

Look: This week's music lesson comes from the BBC. It is about trailblazers in music composition. The website gives information about pieces of music that have introduced new cultures and sound worlds into the orchestra, and composers whose lives and works have made them pioneers. <https://www.bbc.co.uk/teach/ten-pieces/ten-pieces-trailblazers/zfpy7nb>

This week we're going to look at **Hans Zimmer**, a very famous composer who has helped to shape the sound of today's film, TV and games music. He composed music for lots of films you've probably heard of, including The Lion King, Madagascar, The Simpsons Movie, Kung Fu Panda and TV series like Blue Planet II.

Watch the trailblazer video introducing you to Hans Zimmer and his music.

Listen to the video of "Earth" composed especially for Trailblazers by Hans Zimmer.

Hans has also set every child a challenge – to take his piece and create something new from it. In his own words: "The piece of music I've written is just the beginning of the sentence. I want you guys to finish it!"

Try:

- Create some artwork whilst listening to the piece, inspired by the sounds and the theme. Draw what you think the music is describing. You might like to focus on the opening of Zimmer's piece and draw the atmosphere around Earth – space, stars and other planets floating outside of your circle. Or you may choose to focus on the middle of the music and draw the movement and action on our planet – i.e. people rushing around, vehicles, buildings, cities, etc. Listen several times focus on a different section of Zimmer's music each time and therefore add something different to your artwork each time. Exploring Google Earth might give you some inspiration- <https://earth.google.com/web/>
- You could explore another of the planets and discover Gustav Holst's **Mars**. <https://www.bbc.co.uk/teach/ten-pieces/KS2-gustav-holst-mars-from-the-planets/zf6hsrd>
- Can you write and perform your own piece of music about another planet? You can use the recorder or a xylophone, or use Purple Mash (2sequence or busy beats- set as 2Dos if you would like to use these)

Or discover how, long before cinema was invented, Handel created musical suspense and blockbuster drama, in **Zadok the Priest**.

<https://www.bbc.co.uk/teach/ten-pieces/KS2-george-frideric-handel-zadok-the-priest/znrkmm>

NB: Please use these activities as a guide only. Do not feel obliged to complete all of these activities. They are simply to give you some ideas of the sort of themes we might be following if we were in school. Please adapt them to suit your child's individual abilities and interests and continue to use any of the other home learning suggestions if you are finding them helpful and your child is enjoying them.