

Home Learning Activities Year 5

Week 10 week beginning 29th June

Herons- for this week's Zoom meetings, please have ready a piece of work or activity you've done at home over the last few weeks that you're really proud of and would like to show the class.

Weekly Maths activities

Decimals: Week 8

Look: Visit the White Rose website here

<https://whiterosemaths.com/homelearning/year-5/> and click on 'Week 8 for wb 15th June'. There are four short videos for you to watch – you could watch one each day.

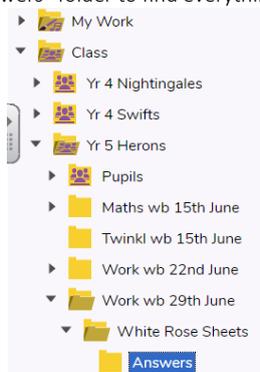
Find:

Watch the videos to remind yourself of the learning we did in class about percentages and decimals. 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 29th June > 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:

- Where do you see percentages in real life? Can you write down as many examples as you can?
- Have a go at this "Dick and Dom's Potion Percentage Adventure" <https://www.topmarks.co.uk/Flash.aspx?a=activity15>
- Have a go at this matching fractions, decimals and percentages game on NRICH- <https://nrich.maths.org/1249>
- Can you plan out a new park using percentages? <https://www.kidsmathgamesonline.com/numbers/percentages.html>
- Finished planning the park online? Can you design your own new theme park on a 100 square giving the percentages of each attraction/paths/visitor centre/toilets etc? There is a blank 100 square saved on Purple Mash for you to use.
- Still not sure about adding decimals with different decimal places? Take a look at the videos and activities on this BBC Bitesize page <https://www.bbc.co.uk/bitesize/articles/z3xx8hv>
- Try this adding decimals football game- remember to always line up the decimal point to add them and put in any hidden 0 place holders <https://www.math-play.com/soccer-math-adding-decimals-game/adding-decimals-soccer-game.html#html5.html>
- Need more percentages practise- there are other helpful videos, fact sheets and worksheets here: <https://www.bbc.co.uk/teach/skillswise/percentages/z74vxy>

Rehearse:

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

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 Serpents of the Nebula, continues into Monday of this week, after which a new story, Busters Blitz, follows (Week 7 on the Purple Mash weekly activity). See the link below.

https://www.purplemash.com/#tab/pm-home/weekly_activities/weekly_activities/weekly_activities_9_11/weekly_9_11_wk7/weekly_9_11_wk7_tues

Find: Every day this week, a chapter from Serpents of the Nebula and then Busters Blitz 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: Poetry

This week we are looking at different aspects of poetry, with a view to you producing your own poem at the end of the week. You can choose which style of poem you wish: narrative, nonsense, or free verse (think of most of Michael Rosen's poetry). **Note that poems do not have to rhyme.**

Imagery and figurative language in Poetry (16 June)

<https://www.bbc.co.uk/bitesize/articles/z6n6dp3>

Writing Nonsense Poems (17 June)

<https://www.bbc.co.uk/bitesize/articles/zjt296f>

Writing Narrative Poetry (18 June)

<https://www.bbc.co.uk/bitesize/articles/z7bv6g8>

Find: Something to inspire you to use powerful language. It might be a member of your family; it might be feelings, good and bad, during lockdown; it might be about an animal, a scene, an event in your life; it might be a picture. Above all, something that produces an emotional response from you will probably be the easiest to write about.

Try: To write a poem, using all that you have learned from the lessons, and using ideas suggested in the Find section above. You may also find the exercises on Synonyms and Antonyms in the Spelling and Grammar section opposite helpful.

Spellings and Grammar focus	Weekly spellings
<p>Look and Find: Synonyms and Antonyms The writing work this week is focussing on poetry, so the use of synonyms and antonyms will be a useful background skill.</p> <p>You may remember when we looked at antonyms in class using the book that showed elephants in opposite states.</p> <p>Use the BBC Bitesize lesson from 11 June 20, which explores how to develop your writing using synonyms and antonyms : https://www.bbc.co.uk/bitesize/articles/zk23c7h</p>	<p>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”</p> <p>Revising High Frequency Words: Group 1:</p> <p>1. steak 2. should 3. prove 4. pretty 5. poor 6. plant 7. people 8. path</p> <p>Revising Year 4, 5 & 6 word lists Group 2 :</p> <p>1. natural 2. naughty 3. notice 4. occasion 5. often 6. opposite 7. ordinary 8. particular 9. peculiar 10. perhaps</p> <p>Group 3 :</p> <p>1. muscle 2. necessary 3. neighbour 4. nuisance 5. occupy 6. occur 7. opportunity 8. parliament 9. persuade 10. physical</p> <p>Practise your spellings in a range of ways... Rainbow writing – different colours for each word Look, cover, say, write, check Pyramid writing</p> <p style="text-align: center;">S Sc Sci Scie Scien Scienc Science</p> <p>Check you understand what each word means and write 5 spellings in a sentence.</p>

Foundation subject activities

<p>Science: The Human Body – heart rate investigation</p> <p>Look & Find: Take a look at these videos about what happens to your body when you exercise and why.</p> <ul style="list-style-type: none"> • Healthy living: https://www.bbc.co.uk/bitesize/topics/zrffr82/articles/ztsqfcw • Fitness: https://www.bbc.co.uk/bitesize/clips/zgqw2hv • Heart Rate and exercise: https://www.bbc.co.uk/teach/class-clips-video/science-ks2-how-our-circulatory-system-keeps-us-alive/zhf76v4 • Take a look at the Powerpoint saved on Purple Mash- “Joe Wicks- Why exercise is important.” <p>Try:</p> <ul style="list-style-type: none"> • What happens to your heart rate before and after exercise? Have a go at this experiment- https://www.science-sparks.com/heart-rate-investigation/ There is an “exercise and heart rate” worksheet saved on Purple Mash if you would like it. • Try doing different activities for a minute and see what your heart rate is after each activity (make sure you give your heart time to slow down back to normal after each activity before starting the next one) • Create a poster explaining why exercise is important. There is a help sheet saved on purple mash. • Create a Joe Wicks style exercise video with different types of exercise. <p><i>Stay safe- remember to exercise in an appropriate place with enough room. Wear PE clothing and shoes and make sure you do a warm up first so you don't pull any muscles.</i></p>	<p>Topic : Fossil Fuels and Renewable Energy</p> <p>A departure from studying the history of the last 60 years. We are going to look at one of the most important environmental issues of the last 60 years: how to provide energy to the people without damaging the planet.</p> <p>Look and Find: BBC Bitesize lesson on Fossil Fuels and Renewable Energy (2 June) https://www.bbc.co.uk/bitesize/articles/zmjf382 There are also other sources of information about fossil fuels and renewable energy:</p> <p>There are other important issues that are all part of the same issue of protecting the planet:</p> <p>Plastics in the Sea : https://www.bbc.co.uk/cbbc/games/plastic-planet-marine-rescue-game</p> <p>Protecting the Rainforests : https://www.bbc.co.uk/bitesize/clips/zfp34wx https://www.rainforest-alliance.org/articles/10-ways-kids-can-save-the-rainforest</p> <p>Reducing plastics : https://www.bbc.co.uk/bitesize/topics/zshp34j/articles/z6m7vk7 https://www.natgeokids.com/uk/primary-resource/plastic-pollution-primary-resource/</p> <p>Try: there are a number of ways in which you can present what you have learned:</p> <ul style="list-style-type: none"> - A poster, promoting your view on one of the issues mentioned above. Think hard about your use of short, effective and powerful language.
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- A leaflet: in which you advise people in how to change their habits to better protect the planet.
- A news report from 'somewhere' (rainforest, cola fire station, wind farm) etc in which you interview those for and against massive changes to our lifestyle.
- A campaigning protest poem/song,
- A video guide of your house/garden, in which you show the good and the bad of the way we lead our lives.
- Any other way in which you can present your learning and opinions.

Outdoor/Indoor

The rainbow has become an important symbol during the lockdown. Below are some suggestions for learning more about how rainbows are formed, and also on how you might be able to 'make' your own rainbow.

Look: Do some research into how rainbows are formed (reflection and refraction of light through water):

<https://sciencekids.co.nz/sciencefacts/weather/rainbows.html>

Find and Try: Try to make your own rainbow:

<https://www.twinkl.co.uk/resource/ni2-sc-1-make-a-rainbow-powerpoint->

If you wanted you could research **lunar** or **moon rainbows**. These are formed by the light from a strong moon shining on places where there is constant spray, such as the Victoria Falls on the Zambia/Zimbabwe border.

Art: Environmental Art

Look and Find: A 16th century Italian artist, Guiseppe Archimboldo, produced portraits using fruits, flowers, plants and vegetables:



Try:

Using either natural materials – food, plants etc – produce a portrait or an image that promotes the idea of a healthy environment.

Or

Using unnatural materials – plastics, paper, glass etc – produce a portrait or an image that comments on how we are damaging our planet.

OR DO BOTH!

You may find taking a photo of the finished product works well.

French- Tu es comment? – What do you look like? Describing paintings

1. Listen to this [fun song](https://www.youtube.com/watch?v=-4kNeFGBAcw) again. Can you remember some of the words? <https://www.youtube.com/watch?v=-4kNeFGBAcw>
2. Go to this [website](http://www.rachelhawkes.com/Resources/Y4_French/Yr4SummerFr.php) and click on 'Lesson 31 with audio'. Put the presentation in 'slideshow mode.' Play slides 1-2 and **hear and repeat** the French words 3 times or more. http://www.rachelhawkes.com/Resources/Y4_French/Yr4SummerFr.php
3. Play slide 3. Here is some help so you can **work out the meaning** of the words.

un visage – a face
une bouche – a mouth
un nez – a nose
grand -big
petit – small



4. Choose 3 paintings from slides 4-9. Describe the people in the paintings in full sentences like on slide 3. Write this down on paper if you can. You can have a go at sketching the art too if you like.

Remember that most adjectives (including colours) go after the noun in French. E.g. *un visage jaune* – a yellow face. Follow the examples carefully on slide 3 so that you get the correct word order. Check your spellings carefully too.

Music/dance: This term's science topic is all about the human body as well as keeping healthy. To stay healthy it's important to get moving and exercising.

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 Florence Price, an African American woman who combined the traditions of classical music with the sound of spirituals and West African rhythms and dance from her own culture.

Watch the trailblazer video introducing you to Florence Price and her music and read the information on the website about her.

Watch the full orchestral performance- think about the instruments you have seen and in particular the percussion instruments. Price's piece features some African drums that aren't often seen within the symphony orchestra and a sliding whistle known as a 'swanee'.

Listening/movement task

Move into a large space such as the garden. Price's music is inspired by the 'juba dance'. The dancers would stand in a circle with everyone facing the same way. Normally this dance is performed in a circle with others. See if

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>

you can rope some siblings or parents in, but it's fine to have a go by yourself!

Try out the dance- here are the steps:

- 1) If with others, organise yourselves so that everyone faces the back of the person next to them and therefore if they were to walk forwards they would all move in the same direction in a circle.
- 2) Walk forwards creating a steady beat with your feet and staying in the circle shape (i.e. everyone is simply following the person in front of them). Move in a clockwise direction.
- 3) When this is achieved, quickly turn and then try walking in the other direction (anti-clockwise).
- 4) Practise moving 15 steps in one direction, turn quickly on the 16th beat and then move 15 steps in the other direction before turning back again on the 16th beat. It may help to tap a drum during this to keep time and, while practising count out loud.
- 5) Alternate your walking like this a few times until you've got the hang of it.
- 6) Next, slap your thigh in between each step. To be really authentic they should try slapping the thigh of the leg that has just stepped forward and use an upward motion. So, step the left leg forward, slap the back of that leg by moving the left arm upwards. Try this using the same counting method as above. (i.e. walk for 15 steps, turn on 16, repeat).
- 7) 8. FINALLY, try performing these moves along to Price's music. They should fit perfectly but as the track is quite long, you may want to stop the walking from time to time and have 16 beats of freestyle dancing – perhaps a soloist can dance in the middle of the circle.
- 8) See if you can add in any other body percussion to the music. Here's an example of children having a go at this activity if you're not sure <https://www.youtube.com/watch?v=RJ4fz4JJbjk>

Try out some body percussion - Take a look here-

<https://www.bbc.co.uk/teach/ten-pieces/KS2-anna-meredith-connect-it/zhyyb82>

Have a go at being a trailblazer too! Watch the video at the top of this page and have a go at creating your own Trailblazing poem using 'You can't do that!' by Simon Mole as inspiration

<https://www.bbc.co.uk/teach/ten-pieces/ten-pieces-trailblazers/zfpy7nb>

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.