

Year 5 HOME LEARNING

Dear parents and children,

Our new topic for this term is **OUR BLUE PLANET!** Here are some possible tasks that you could complete covering the various subject areas. Please use TWITTER to keep in touch and show me what you have been up to (**Norwich Class Leasingham @LeasinghamY5**)! This is an overview and there is not an expectation that all work is completed. If possible, tasks should involve:

- **Maths**—Mathletics, TT Rockstars, Carol Vorderman Maths, Sumdog, booklets on our webpage to download. (see other page for more detail)
- **English**—Reading each day, Active Learn books writing a few times a week (see separate sheet), SPAG.com and Spellingshed.
- **Topic**—Some tasks listed here or your own ideas linked to rivers and seas. Some key questions are offered as prompts to ensure a wider curriculum is available.

We understand many of you are trying to work at home as well as look after your children. These sorts of tasks will really help children on return to school as well as having some structure to the day currently.

Geography

Where does our water come from? When you have a drink of water, turn on the tap, flush the toilet, have you ever wondered where that water comes from? How does it get there?

What is our local River? Where is its source? What river does it join? Where does it end (the mouth)? - Locate the River Slea on a map. Follow its journey from beginning to end.

What is the journey of a river? What are the different parts of a river and its journey? Research and understand the parts of a river and the important geographical language:: stream, source, meander, bank, confluence, delta, estuary, confluence, delta, mouth, tributary. Display your findings in any format you choose (e.g. PowerPoint, Poster, Info Text, colourful image, video, Blog)

What are some of the major Rivers of the UK? Use maps, atlases, globes and digital/computer mapping to locate where some of the rivers such as: Severn, Trent, Spey, Tay, Ouse, Don, Dee, Bann, Tweed, Tyne and Wye. Choose one river to research in detail and present your findings.

What are some of the major Rivers of the World? Use maps, atlases, globes and digital/computer mapping to locate where some of the rivers such as: Nile, Amazon, Ganges, Mississippi, Danube, Yangtze. What countries surround the rivers? What continent is it in? Choose one of the major rivers and display the information in whatever format you choose.

Why do people choose to live near a river? Use the internet and information books to consider "Water as Protection," "Water as Transportation," "Water as a Food Source," or "Water as a Source of Energy." Think about the role of water and the importance it has to different communities.

Each time you investigate a questions, choose how you would like to investigate. You decide how to present your ideas such as fact file, poster, drawings, videos, newspaper reports, letters, diaries, a board game, fact cards, models. Be as creative as you like!

ICT

Coding— coding Club <https://codeclub.org/en/>

Scratch

Powerpoint—can you present one of your pieces of work using Powerpoint?

Publisher/Word—copy and paste images, create fact files and reports

Brushes APP- recreate a piece of Claude Monet's Artwork.

Microsoft Excel—try to create a spreadsheet of data linked to rivers.

Science

What are the three states of matter? What makes each state different? Design an information text with diagrams showing how each state differs (e.g. showing how closely particles are grouped together).

What is the water cycle? Draw and label the water cycle. Perhaps make a video explaining this process. Could you create a 3D water cycle.

How are condensation, precipitation and evaporation involved in the water cycle? Use equipment around the house to demonstrate these three or create an information text showing diagrams (nice and colourful) showing each stage of the process.

How could you demonstrate these states of matter through investigations? What questions could you investigate? If you were stranded on a desert island how could you get water? <https://www.stem.org.uk/resources/elibrary/resource/32074/evaporation-and-condensation-robinson-crusoe-makes-drinking-water>

Choose any of the ideas you want to find out about and be create in how you choose to display it. Also think about some investigations such as: what happens to your breathing if you are active? How long does it take to chew certain foods? I will attach a good one for

ART/DI

Research the artist **Claude Monet**

Choose one of his **paintings linked to water**, that you particularly like and write about why you like it? Think about the colours, shapes, tones and how it makes you feel. What does it remind you of?

Recreate one his artworks using any medium you choose.

Create a 3D model or map of a river and its journey.

Reuse and recycle **plastics** and create your own model, practical or artistic structure. Why not consider something that can be reused in the home.

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ENGLISH

Non-Fiction Writing

- Choose a famous river and write a fact file.. Consider elements such as: Statistics/data, course, why people live near it, how it is used, fun facts and diagrams/charts.
- Write an explanation of The Water Cycle. Perhaps you could write it from the view point of the water droplet.
- Write a description of the journey of a river from source to sea. <https://www.twinkl.co.uk/resource/t3-g-18-raging-rivers-lesson-pack>
- Create your very own Knowledge Organiser with Glossary of everything you have learnt about rivers.
- Complete some comprehension exercises about rivers. These do not have to be printed you can view these online and Twinkl is free to join at the moment. <https://www.twinkl.co.uk/resource/rivers-ks2-non-fiction-reading-comprehension-activity-tp-7294>
- Produce a poster to encourage people to recycle their plastic and keep our rivers and seas clean and free from plastic.

Creative Writing

- Watch the movie ALMA on YouTube. Having watched this movie:
 - Write a narrative from the little girls perspective.
 - Write a setting description using the camera angles to help.
 - Write a newspaper report about the missing girl (although non-fiction it is based on the film)
- Write a setting description using a water image/artwork from Claude Monet.
- Write a water poem (there are some skeleton ideas on our class webpage).
- Pobble365 continues to be a great resource. <http://www.pobble365.com/>

Read a new novel. A few I would recommend this term is:

Brightstorm—an adventure of siblings to find their father. **Kensuke's Kingdom** - based on water and adventure.

The Boy at the Back of the Classroom - being different is ok and acceptance of all

MATHS

Many have requested booklets to support the children in their mathematical learning. These pupil booklets are available to be downloaded on our class page. You DO NOT have to print them out you can view the work on the computer and answer of other paper.

1. Geometry - (WORKBOOK)

Looking at **lines and angles**. Including vertical lines, horizontal lines, obtuse angles, acute angles and angles at 90° . You could draw these outside using chalk. Make angles using paper and string. Be creative. Look around your home and garden what can you see?

Investigating 2D shapes including polygons, quadrilaterals, triangles, symmetry.

3D shapes and different names for them.

Position—looking at coordinates (remember the saying) using a compass and maps. Perhaps make a map of your own. Can you direct people. What about playing online games.

2. Length, perimeter and area (WORKBOOK)

Units of length - mm, cm, m, km. Standard and metric units.

Distance - measure distance, maps and scale. You could use your knowledge to work out distances to and from places you know and how far you will travel when we can visit people again.

Area (l x b) Perimeter (distance around the edge)

Find the area of regular and irregular shapes. Perhaps you could design an area of your garden or living room carpet. If you had to order turf or carpet what area would you ask for? How could you work it out?

PE

Joe Wickes - daily PE lessons at 9am via YouTube

Cosmic Kids Yoga

PE with Mr P—daily sessions at 12pm via YouTube

Personal Challenge—Can you skip? How many skips in a minute? Can you hold a plank? How long?

Obstacle Course—create your own in the garden

Play games - practise some tennis skills, football skills, rugby, dancing

MUSIC

Georg Fredrick Handel—Who was this famous composer? What music is he famous for? What type of music did he write? What were some of his pieces of music? Write a factfile about this composer. Listen to his music.

Listening - Listen to the "Hornpipe" from Handels Water Music, how can you tell that it was written to be played outdoors? What is the clue? What type of instruments can you hear? Why do you think he chose these instruments?

Create your own music based on water. What sounds can you hear? Use different rounds around the house and build a tune? Perhaps record it. Do you have any instruments?

Please remember that the most important thing is to stay safe, healthy and happy. I hope you enjoy completing some, or all of these activities and learn some new and interesting facts and skills in the process but I do not want you to do more than is comfortable or reasonable for you and your family. Everybody is different, so please do not be pressurised by the 'perfections' we can sometimes see on social media. If you have any difficulties please do not hesitate to get in touch and I will do my best to be in touch as quickly as I can.

I miss you all very much and hope that we will all be back at school very soon, when it is the safest to do so. Mrs Coote x