



Year Four Homework Grid Summer Term 2020



Rivers and Oceans

Dear Parents, this is the homework grid for the Summer term. The learning topic is 'Rivers and Oceans'. This is new learning. Please support and encourage your child to complete some of the tasks. There are more tasks than usual to support you at home during this unprecedented time. They may select the task(s) they find most appealing to aid their learning within this topic. Some tasks may have a specific outcome whilst others may be more open ended, allowing your child to decide on the final outcome. We hope you enjoy sharing in your child's learning. Please email any queries to kcain@birches.staffs.sch.uk. Have fun, stay safe!



Maths

Find the lengths of the world's 5 longest rivers. Write the lengths in order from shortest to longest.

A river's depth relies on rainfall. Use a 2-litre plastic bottle with the top cut off to make a rain gauge. Keep a record of the amount of rainfall over 4 weeks. Present your findings using a graph.

At a river's estuary people enjoy sailing. Draw some symmetrical designs for a sailing boats sails.

Create a questionnaire with tally marks to record the favourite sea creatures of your friends and family – then draw a graph to show the results.

English

Write a story with a river or ocean theme. Maybe there is a river monster, or the river creatures come to life! Use your imagination.

Learn about the water cycle on the Internet then make a comic strip version of the water cycle. Could a water droplet be your main character?

Write a poem about a river or river creature.

Design a brochure persuading people to visit a seaside town or village.

Science

Investigate the water cycle. What happens? Draw a labelled diagram to explain.

Create a quiz about states of matter (solids, liquids and gases) and write down the answers. Quiz your class!

<http://www.crickweb.co.uk/ks2/science.html> Choose the changing state game – decide whether you need to heat or cool to change the state.

Make a poster explaining how the particles are arranged differently in solids, liquids and gases.

<http://www.sciencekids.co.nz/gamesactivities/gases.html> Sort the items into solids, liquids and gases.

Cooking

Bake and decorate some river or ocean themed cup-cakes or biscuits. How might you decorate them? Write out the recipe and evaluate what you have made.

Create a fishy 'Cook Book' including at least 5 recipes. You could have a go at cooking one or two as well!

Eco

Write a leaflet that helps people understand the importance of saving water.

Keep a diary of when you use water at home over the course of a week, and what for.

Find out about the work of the RSPB and how they help to protect the habitats of birds that live around rivers. Write a paragraph about the work they do.

Make a list of ways to look after the sea.

Games!

Create a snap game to play with a family member by drawing 4 different sea creatures on pieces of card. Draw each creature 5 times.

Play 'guess th animal' by moving like a sea creature and then a family member guesses which one you are.

Act out a scene from your favourite sea themed film.

Geography

Produce a fact file (this could be a PowerPoint) on 3 world rivers. Include as many interesting facts as you can.

Create a game about a British river. (It could be about its journey from the source to the sea). Remember to research as much information as possible e.g. towns, landmarks, bridges and features. Don't forget to write the instructions on how to play the game.

Label the longest river in each continent on a map of the world.

Using an atlas or the Internet, find the names of the world's longest 10 rivers.

Using an atlas, find the names of the world's oceans.

Art and Design

Draw or paint pictures of 3 different creatures found in a river or river bank habitat. Label the features that allow them to live where they do e.g. a frog has webbed feet.

Create a collage using recycled materials of something to do with a river e.g. a waterfall, river creature or river scene.

Draw or paint a picture of a river scene. You could use water colours or any medium you choose.

Make a 3D landscape model of a river. It must include at least 4 features found on the river.

Make a model of a boat. This might be a sailing dinghy, barge, canoe, tanker or any other boat you might find on a river or ocean.

Music

Using the tune of a well-known song of your choice make up your own river song.

Create a rain maker using small pebbles or seeds. Could you decorate using a river theme?

Health and Wellbeing

Create an informative poster teaching people how to be safe around rivers.

