

Year 6 Home Learning for Week Commencing 4th October 2021

Science (Monday)

LO: To investigate how a prism changes a ray of light to show the spectrum.

Go through the PowerPoint 'Spectacular Spectrum'. Answer the questions and follow links to find out more information.

What colour do you think light is? Why do you think so?

Activity 1: Use a prism, or find a video online of light being refracted by a prism. What do you notice? Use the activity sheet to record your thinking.

Activity 2: Follow the instructions from the activity sheet to create a colour wheel. Before you begin, make a prediction of what you expect to happen.

Optional Task: Research how impressionist painters like Claude Monet and Georges Seurat represented light in their art through the use of colour. Towards the end of Monet's life, his art became much more red in hue. Can you explain why?



Topic (Tuesday)

LO: To explain how rivers might be used.

Go through the PowerPoint 'How do we use rivers?'.

Answer the questions from the PowerPoint and use the links provided- research any unfamiliar vocabulary. Create a mind map of all the different ways rivers are used by people. Group these into categories. Which categories have you chosen? Why?

Activity 1: Select the level of difficulty from the 3 level differentiated sheets. Identify the different ways people might use rivers and then explain the positive and negative outcomes of these actions.

Activity 2: Make a list of the ways people use the rivers near your home. What effect might this have on local wildlife? What about local residents?

Challenge: Give your opinion on which is more important: the need for habitats for wildlife or leisure space for local residents. Explain your reasons for thinking so.



Computing (Wednesday)

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Log onto Espresso Coding and complete tasks from 'Block coding'. Continue to work your way through the activities on Level 1 or Level 2 (depending on where you are up to). Start on Level 3, if you have time. Complete 30mins - 45mins of work using this program.



RRSA (Wednesday onwards)

BLACK HISTORY MONTH

Go through the PowerPoint. Think about the questions being asked and talk these through with a member of your family.

Select some of the activities to complete. Upload these to Tapestry - so we can collate work for our next award!

National Poetry Day (Thursday)

To celebrate National Poetry Day look at the PowerPoint and complete the challenge cards.

You could find a poem online (or think of one that you already know) and record yourself reading it. This could be uploaded to Tapestry and shared with the class.



Bonus activity



Watch Newsbites and complete the quiz.

Every day Discovery Education upload a **daily news broadcast**. Watch one. Generate some multiple choice questions for a family member to answer. Get them to watch the broadcast and complete the quiz. See who wins within your family household. Can you predict the winner before they take the quiz?