

Year 6 Home Learning for Week Commencing 11th October 2021

Science (Monday)

LO: To investigate how light enables us to see colours.

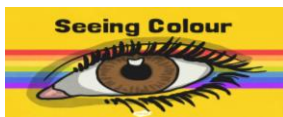
Activity 1: Choose and complete a reading comprehension task on the research of Isaac Newton from the three differentiated levels to expand your scientific knowledge.

Go through the PowerPoint 'seeing colour'. You will need some translucent filters in different colours-coloured plastic works well.

Activity 2: Use the activity sheet 'fun with filters' to observe objects of different colours through your filters. Make a prediction of what you expect to see before you begin, and record your results. Make particular note of anything interesting or unexpected you discover, and add a diagram to explain what has happened.

Activity 3: Use your knowledge of light and colour to create a secret message that is only visible when observed through the correct colour filter.

Optional Task: Some people are affected by a condition called colour blindness. Research how this condition works and perhaps take a colour-blindness test yourself. How would this test look if you could not see colours?



Topic (Tuesday)

LO: To describe key features of a river system (meanders and oxbow lakes).

Go through the PowerPoint 'Erosion and Deposition'.

Answer the questions from the PowerPoint and use the video links provided. For additional information on erosion and deposition, try <https://www.3dgeography.co.uk/river-facts>.

Activity: Use the lesson presentation and video resources to research how meanders and oxbow lakes are formed. Record your ideas through diagrams, story-boards, or jottings.

Activity 2: Select and complete the right level activity sheet for you, to identify meanders and oxbow lakes on a map and explain how these are formed over time.

Activity 3: Examine the last slide of the PowerPoint. Draw a diagram and annotate to explain how the waterfall will be affected by erosion and change over time.

Optional Activity: Research which river the River Kym joins as a tributary for our upcoming fieldwork.



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!

Harvest Celebrations

KPA celebrated Harvest last week and GSPA will celebrate Harvest on Monday this week.

Use the discussions cards on the website to have a conversation with someone in your household about Harvest.

If you do not have anyone to talk to, write down your views and bring them to school on your return.



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?