

Monday 1st February

Learning Objectives:

English: Home sweet home - How does the weather and the setting reflect the themes of the story?	Maths: What is a fraction?	Science: The Phases of the Moon
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Spelling

Mrs Evans' group - **conscience, conscious, controversy**

Mrs Tweddle's group - **material, medicine, mention**

Please practise your spellings during the week both as individual words and as part of a sentence. I will test you on zoom on Friday!

English

Watch 'Home Sweet Home' from beginning to end.

<https://vimeo.com/113868429>

What do you like / not like about the film?

What are the themes?

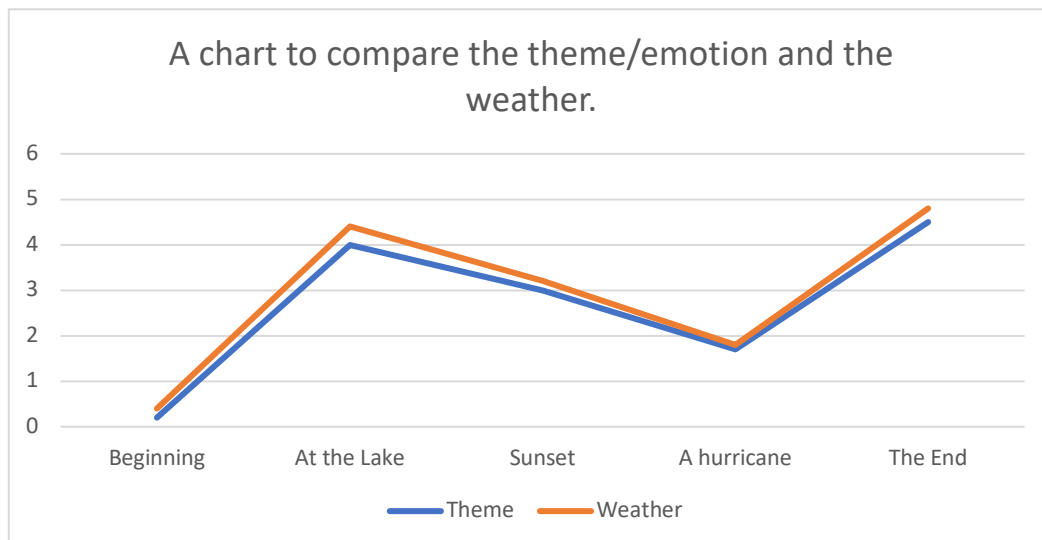
How does the weather change during the film?

Today we are going to investigate how the events of the film, and the weather at different points are related.

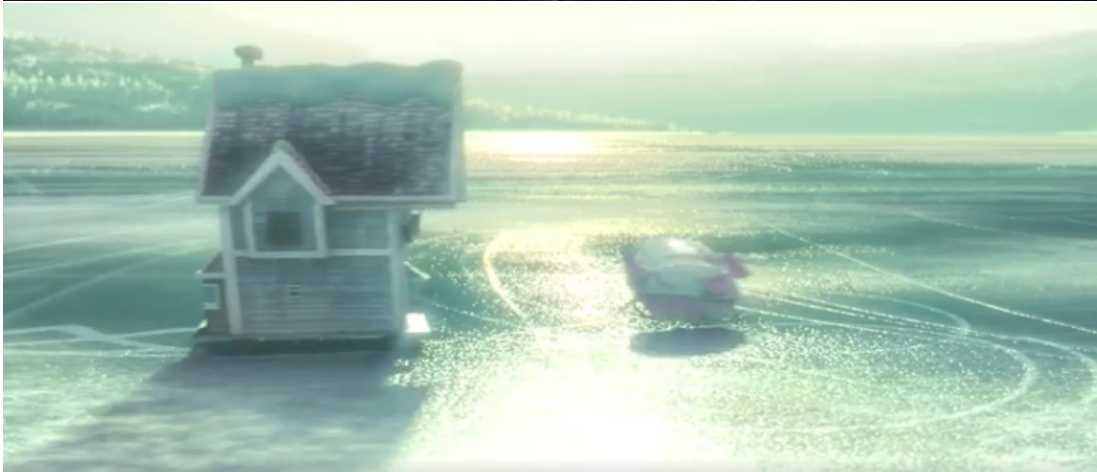
If we were to chart the emotions throughout the film what would this look like?

What if we added the weather?

I've tried to show how the weather improves with the mood.



When weather or music is used to depict emotion/theme, this is called 'Pathetic Fallacy'. Look at the pictures below. How does the weather in each picture reflect the mood?



Choose one of the sheets - Green, Orange or Red to complete.

Maths

Warm up:

Spend 10-15 minutes practising and testing your times tables using the practise sheets.

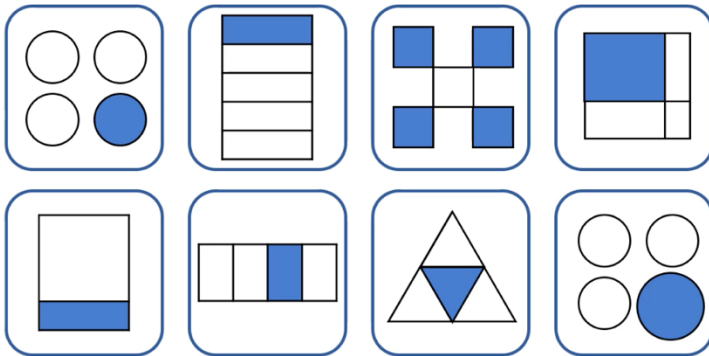
For the next few weeks we will be learning about Fractions.

Today we will be answering the question:

What is a fraction?

Look at the problem below:

Which of these representations shows $\frac{1}{4}$? Why?



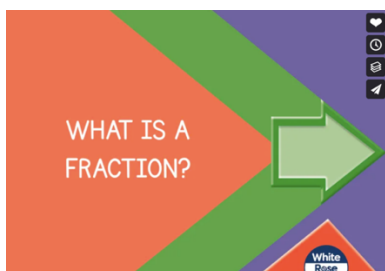
Can you explain why some show $\frac{1}{4}$?

I have put a Powerpoint on the website which explains (gently) what a fraction is.

Or

The following video gives a more detailed explanation and might be more suitable for Year 5.

<https://vimeo.com/502527306>



Now choose either:

1. The discussion activities - which are practical activities.
2. One of the coloured sheets - Green, Orange or Red.

Science

Today we will be learning about the phases of the moon.

Hopefully you have been able to complete some of your moon diary and are able to see how the shape of the moon appears to change.

Have you noticed how the moon appears to change shape? This is called phases. Why do we have phases?

Read through the PowerPoint to find out.

Complete one of the tasks below:

1. Make a phases of the moon review wheel: See Website
2. Complete the Oreo cookie experiment.
<https://sciencebob.com/oreo-cookie-moon-phases/>



3. Have a go at making your own model to explain the phases of the moon.

You will need:

- Pencil
 - Lamp without a shade
 - A ball/apple or similar that you can stick the pencil into.
 - Dark room
1. Stick the pencil into the ball. The ball is the moon. The pencil is your handle.
 2. Darken the room and turn on the lamp.
 3. Put the lamp at eye level in the middle of the room. Now face the lamp. The lamp is the sun, you are the Earth!
 4. Hold the ball directly between you and the light. The side of the ball facing you will be dark. This is called the new moon.

5. Turn in place while you hold the ball at arm's length. You might want to hold the ball above your head so the light can always reach it as you turn.
6. Watch the ball. It will go through the phases of the moon as different sides are hit by the light. When you are between the lamp and the ball, with the light shining completely on the ball, the ball will look like a full moon.