

## My Year 6 Learning Journey Grid. Summer Term Wk7 8.6.2020

### MATHS

For maths, this week we will revise and extend our knowledge of various key mathematical concepts, specifically pie charts, mean averages and fractals. Please follow this link to Hamilton Trust Home Learning: <https://www.hamilton-trust.org.uk/blog/learning-home-packs/>

**Year 6 Maths – Week 8:** There are activities for each day, presented in a .pdf file. There are also two powerpoints to watch. If you can't print the activities off, they could be adapted/copied onto ordinary paper. Fractals look quite fun – try to colour in the results! There are various tutorials on youtube to explain the concepts in further detail.

This site has a pie chart creator: <https://www.mathplayground.com/piechart.html>  
To supplement the Hamilton work, these other sites have useful activities for you to access: <https://www.worksheetworks.com/math.html> and <https://www.math-aids.com/> .

Furthermore, if you feel like you need more practise in a certain area of maths, feel free to find online activities to develop your skills. You could use the free resources on Mathsframe: <https://mathsframe.co.uk/en/resources/category/22/most-popular> , or practise your times tables on TT Rockstars.

### SCIENCE

Our topic this Term is 'Light'.

The Hamilton Trust site has a nice set of activities based on the topic:

<https://www.hamilton-trust.org.uk/science/year-56-science/light-theatre-lighting-technicians/>

Click the arrow next to Session 1: Shadow Puppets: angles, shape, definition. This reveals the objectives and possible activities.

In the 'Planning and Activities' section there is a planning sheet accessible at the bottom, which details some guidance on delivering the session.

The 'Teaching Resources' link will lead you to a .pdf file with the materials you need to follow the plan. It recommends various jars and pots, but these could be substituted. For example, cling film is transparent, greaseproof paper is translucent, and kitchen foil is opaque. The puppets could be drawn on different paper in any design (although think about how to make this fair.)

### TOPIC:

This week, I would like you to start looking at mountains. Research mountains using the internet.

See if you can answer these questions: What is a mountain? What are the tallest mountains? What are ranges? Where are the tallest mountains? What do mountain ecosystems contain? How are mountains formed? Are there different types of mountains?

Create an explanation booklet to answer these questions. Think of the order of questions to use as page titles, how to explain the answers clearly, what images and diagrams you could use to help, and what the layout of each page should be. Could you use bullet points? Think of colour and font choices, and how to entertain the reader, as well as answer the question headings. For example, you could use 'fun fact' explosions. **Have a fab week! Mr D ☺**

### READING

Please read your Accelerated Reader book a minimum of 30 minutes each day. We need **a lot** more quizzing! Well done to those continuing to read. I am checking the quizzing daily and will reset any quizzes if needed.



### SPELLINGS

Practise these from Monday-Thursday and get someone to test you on them on Friday. Once you've gone through the correct spellings, write a super sentence for each one.

available  
average  
awkward  
bargain  
bruise

correspond  
criticise  
curiosity  
definite  
desperate

### ENGLISH

**For English this week, I would like you to access the Home Learning pack on the Hamilton Trust website.**

The link is: <https://www.hamilton-trust.org.uk/blog/learning-home-packs/>

It is the Year 6 English, Week 9 link. It will download a .zip file.

Within it are internet links to 5 days of lessons, complete with resources and hyperlinks. There is also 1 powerpoint to use during the week. The lessons tell you when to use it.

The materials can be printed, but if that's not possible, then write the work on normal sheets of paper.

The work is based on analysing a short clip, story writing, planning, and writing poetry.

Feel free to devise extra activities of your own!

You could write a biography about the old man's life.

You could write a diary as the young boy, expressing his feelings and opinions about the old man.

You can find other 'story' videos on The Literacy Shed. <https://www.literacyshed.com/the-great-animations-shed.html>

You could use one, or more, or these animations to: write letters/diaries, draw scenes/comics, write a play, write story scenes/descriptions, write interviews/blogs, write a non-chronological report – basically, anything!