

## MATHS

For maths, this week we will revise and extend our knowledge of various key mathematical concepts, specifically multiplying and dividing decimals by whole numbers, scale and ratio, patterns, multiplication and division, and Pythagoras' theorem.

Please follow this link to Hamilton Trust Home Learning: <https://www.hamilton-trust.org.uk/blog/learning-homepacks/>

**Year 6 Maths – Week 11:** 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.

I'd also like you to practise finding percentages. If the question is 45% of 64, can you remember the method?  $45 \times 64$ , which equals 2880, then divide the answer by 100.  $2880 \div 100 = 28.8$ . So 45% of 64 = 28.8!

There are lots of worksheets on here: <https://www.math-salamanders.com/percentage-worksheets.html>

There are also many activities to try on the BBC site. They are very useful to revisit and revise: <https://www.bbc.co.uk/bitesize/tags/zncsscw/year-6-and-p7-lessons>

## 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 4: Lighting effects: reflecting light.

This explains 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's another session based on investigation through play – using different reflective surfaces to determine ways and manners in which light can be reflected. The plan also contains a link to a site that offers ways to create your own periscope or kaleidoscope, which looks like great fun!

## TOPIC:

**Computing:** Continue with the activities at <https://www.codeforlife.education/rapidrouter/> It is a browser-based site, with instructions detailing how to complete step-by-step progression. It includes tutorial videos.

**Japan:** Japan has produced some of the most famous videogames in the world. You could create a factsheet or booklet about the most famous characters and games. You could talk about who designed them, when they were released, on which formats they were released, how many copies they sold, and which other games they influenced. To get started, think about Pokemon, Mario and Zelda. You could also create a timeline of Japanese console releases, the biggest games on each system, and how many units each one sold. You could use images to improve the visual style of the sheet/booklet. You could investigate companies, such as Sega and Nintendo, or write a biography about a famous game designer, such as Shigeru Miyamoto. You could look at Japanese innovations (new ideas), such as the D-pad and shoulder buttons on a controller. **Have a fun week! Mr D ☺**

## READING

Please read your Accelerated Reader book a minimum of 30 minutes each day. When you have finished, quiz it and write a review. Well done to those continuing to read. I am checking the quizzing regularly 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. I am mixing up previous spellings, to see how well you can remember them!

accommodate

accompany

according

achieve

nuisance

occupy

occur

opportunity

sacrifice

secretary

## 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-homepacks/>

It is the Year 6 English, Week 12 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 instructions, explanations, stories and illustrations.

Feel free to devise extra activities of your own!

You could write a set of instructions for something you have done in lockdown. Planting seeds? Baking? Building something? A dance?

Write your own fact file about a place.

Use the image here:

[https://www.onceuponapicture.co.uk/portfolio\\_page/te-he-imaginator/](https://www.onceuponapicture.co.uk/portfolio_page/te-he-imaginator/) Look at the thinking questions and answer them verbally, or written down. Explain your reasons. Write a set of instructions for building that machine, or an explanation of how it works. Or even a story about it!