Year 5 - Home Learning Activities



**Maths**

* Recap your fractions learning. Can you create posters explaining the rules for how to add, subtract and multiply fractions? Use examples and make missing number worksheets.
* Include rules for finding equivalent fractions and how to convert between improper and mixed fractions.
* Research percentages. What are they? How are they related to fractions and decimals? Can you discover a way to convert between all three?
* Research the metric system of measure and compare it to the imperial system of measure. Find out what these units of measure represent. (mm, cm, ml, L, g, kg) Measure a variety of different things in your home using these different units of measure.

The following websites have lots of different activities broken down into subject areas:

* <https://uk.ixl.com/math/year-5>
* <https://www.bbc.co.uk/bitesize/subjects/z826n39>
* <https://www.mathsisfun.com/>

Revise your times tables. <https://www.mathsisfun.com/timestable.html>

**English**

Reading

* Finish reading the Highwayman. <https://www.poetryfoundation.org/poems/43187/the-highwayman>
* Illustrate each stanza with annotations.
* Pick a book character from any book you have read and write a fact file on them.
* Keep a list of books you have read - titles, authors and words for our vocab challenge.

Writing

* Can you re-write the story from Tim’s perspective. How does he feel about Bess? What does he see? What actions does he take? How does he feel about Bess and HWM dying?
* Can you re-write the story from an opposite perspective. Imagine the landlord really liked HWM and was devastated when he died.

Grammar

* This website has a lots of quizzes and topics broken down into the different areas of grammar. <https://uk.ixl.com/ela/year-5>

**Additional Websites**

* Purple Mash: [www.purplemash.com/sch/virginia](http://www.purplemash.com/sch/virginia)
* Study Ladder: www.studyladder.com
* Espresso: online.espresso.co.uk​
* Please check the school website and blog for updates

**Science**

* What different types of fingerprints are there? Illustrate them.
* Watch this video and record your fingerprints. <https://www.futurelearn.com/courses/introduction-to-forensic-science/0/steps/10547>

**History**

* Research the history of DNA. Who discovered it? What does it show us? What is it made from? Any other important facts.

**Geography**

* For each continent, make a list of their human and natural physical features. Include: countries, cities, mountains, rivers. What else can you find?

<https://www.google.co.uk/intl/en_uk/earth/>

<https://mapmaker.nationalgeographic.org/>

<https://www.bbc.co.uk/bitesize/subjects/zbkw2hv>

**Science**

*We have been learning about changes in materials.*

* Identify different reversible and irreversible changes. <https://www.bbc.co.uk/bitesize/topics/zryycdm>
* What materials are soluble and which are insoluble?
* Watch these experiments, make predictions and give some a try with the instructions - <https://www.bbc.co.uk/programmes/articles/2MfJ5Gydv3gP6W3Ff67vd0b/hands-on-science> - write up your results

**Art**

* What is a police sketch artist? What is a facial composite? Why are they important?
* What are the key features of the drawings they make?
* Can you draw your own facial composite? Ask different family members to describe someone’s face to you and draw a face with the features they describe.