

### Year Four: Spring Term 1 Homework Grid

Over the next half term, please choose one activity to complete per week. The activities are split across 5 subjects, each with a different skills focus. You must choose at least one of the activities from each of the different subjects over this half term. You can choose the order in which you complete these activities. Please hand in one piece of work on the Monday of each week. **Remember, presentation is important!**

**Well-being and Resilience Challenge:** Design a poster or leaflet to share your tips and ideas for boosting happiness and resilience. Closing date, Monday 10<sup>th</sup> February 2020.

**Ongoing maths activity:** Choose from the grid below.

**Ongoing reading activity:** To read every day to an adult and record this in your Reading Record.

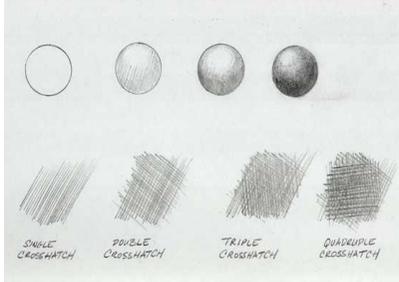
English	English	Science	Science
<p><b>Myth and Fantasy</b> Create your own mythical creature. You may consider features of known mythical creatures, (griffin, unicorn, troll), but this must be your own design.</p> <p>Consider:</p> <ul style="list-style-type: none"> <li>• What they look like (include an illustration if you would like).</li> <li>• What they eat.</li> <li>• Where they live.</li> <li>• How they move.</li> <li>• Their features (wings, horns, number of eyes).</li> </ul> <p>Try to write this as a formal non-chronological report as opposed to a piece of descriptive writing.</p>  <p>Signature _____</p>	<p><b>Traditional Tales</b> Once we have finished reading Beowulf, create a storyboard, using sentences and images, retelling the story.</p> <p>Remember to include:</p> <ul style="list-style-type: none"> <li>• The key points of the story.</li> <li>• All main characters.</li> <li>• Description of settings.</li> </ul> <p><b>Extension</b> Write a summary paragraph to explain what we can learn from this story about the Anglo-Saxon period of history.</p>  <p>Signature _____</p>	<p><b>Investigation</b> Choose two different types of chocolate and, with an adult, conduct an experiment to find out which melts faster in a bowl over hot water.</p> <p>BEFORE you conduct the experiment, write down your prediction.</p> <p>AFTER your experiment, write up your findings under the headings of Equipment, Method, Results (take a photo if you can) and Conclusion.</p>  <p>After your experiment, pour the liquid chocolate into small moulds or make krispie cakes! Yummy!</p> <p>Signature _____</p>	<p><b>Sound (you will need an adult to help)</b> Experiment with your own special sounds by turning glasses of water into instruments, make some music and find out how it works.</p> <p>What you'll need:</p> <ul style="list-style-type: none"> <li>• 5 or more drinking glasses or glass bottles</li> <li>• Water</li> <li>• Wooden stick such as a pencil</li> </ul> <p>Instructions:</p> <ol style="list-style-type: none"> <li>1. Line the glasses up next to each other and fill them with different amounts of water. The first should have just a little water while the last should be almost full. The ones in between should have slightly more than the last.</li> <li>2. Tap the other glasses and see what noise they make, see if you can get a tune going by hitting the glasses in a certain order.</li> <li>3. Write up what you notice and why you think this happens.</li> </ol> <p>Signature _____</p>

Maths	Maths	Topic/Art	Family week
<p><b>MyMaths</b></p> <p>Task 1</p> <p>Year 4 Number Fractions Introducing Decimals</p>	<p><b>MyMaths</b></p> <p>Task 2</p> <p>Year 4 Geometry Shape Describing Shape.</p>	<p><b>Anglo-Saxons</b></p> <p>Linking to our learning in history, try to find some images of Anglo-Saxon artefacts. You might need to look in history books, library searches and online searches (The BBC bite-size website is a good place to begin.) You might find images of cooking tools, items of clothing or weapons; I do not mind which you pick.</p> <p>Look at the images and create your own art-work. Focus on the textures you can see.</p>	<p>Use this opportunity to explore something as a family.</p> <p>You might like to record and share what it is you do this week or you might like to choose to spend this week being busy with your family.</p> <p>It could be:</p> <ul style="list-style-type: none"> <li>• A walk in the woods.</li> <li>• A household chore.</li> <li>• Eating a meal together.</li> <li>• Just a busy weekend as a family.</li> </ul>

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Signature \_\_\_\_\_

Try using a pencil in different ways to create a variety of effects. For example, using the pencil softly will produce a different line to using it very hard on the paper. Explore these different techniques in your drawing.



Signature \_\_\_\_\_

It's up to you!



This extra ideas:  
<http://www.getstuckin.com/level/2016/aug/25/uk-british-day-trips-readers-attractions-parks>

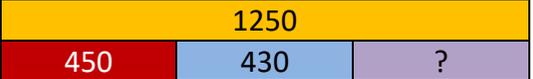
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Home Learning pack includes: MyMaths log-in letter, Storyboard Sheet.

## Year 4 Maths Home-Learning Grid

Complete one of these activities a week.

Write the short date and highlight when you complete a task.

Draw diagrams to represent different fractions (e.g. $\frac{1}{2}$ , $\frac{1}{4}$ , $\frac{3}{4}$ ). Use a ruler!	Create flashcards to show the decimal equivalences for different fractions (e.g. $\frac{1}{10} = 0.1$ , $\frac{1}{2} = 0.5$ , $\frac{1}{4} = 0.25$ etc.)	Look carefully around your home and identify where in everyday life we use decimals.
To learn and practise multiplication tables until you are able to recall them rapidly.	How many different ways can you write 3652? For example: 365 tens and 2 ones	Look carefully at the bar model below. Calculate the missing amount and record as many number sentences as you can from this. 
Measure your bedroom, using appropriate units, to find the perimeter. Show your workings.	How many ways can you calculate the number 500 using any of the operations (addition, subtraction, multiplication and division)?	Find as many factors for the number 24 as you can. e.g. $2 \times 12 = 24$ , 2 and 12 are both factors of 24.