	Year 5	Learning question for the term  Do all rivers lead to the sea?	Science focus for the term  Forces	RE focus for the term  Incarnation – Expressing beliefs through the arts.
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The activities listed below are a guideline of work that you could support your child to complete during this week of school closure. Please refer back to other areas we have suggested and continue to use these as well.


Please continue to read regularly at home, daily if possible but at least 4 times a week. This could be from a school/library book, your own books at home or you can access a wide variety of free ebooks from: [www.oxfordowl.co.uk](http://www.oxfordowl.co.uk) Explore the kids activities section as well. *This site is free but requires you to register with an email address to access the online library.*

Remember to look on the school website page for this week’s list of spellings to learn.

Please open the word of the day document on the website and choose a word. How many times can you use the word in a day?

If you have any questions then please contact us through ClassDojo.

<p>English –</p> <p>As you may know we have been looking into getting some pygmy goats for our mystical garden – well that day is nearly here!</p> <p>Research goat facts and create a fact file, researching goat care and writing some instructions on how to look after them.</p> <p>Write a persuasive letter to choose a name for the goat. Remember to use the persuasive techniques we have looked at in class to get your point across.</p>	<p>English –</p> <p>Read Chapter One of the book – Sabryna and The River Spirit.</p> <p>Create a character description of Sabryna – you may want to discuss what you think she looks like as well as going into detail about her personality, use the text to help you with this.</p> <p>What do you think the effect on Sabryna’s family will be if the river levels continue to become lower?</p> <p>Read Chapter Two – What do you think will happen to Sabryna, her family and the community next?</p> <p>Can you predict what will happen with the story?</p>	<p>Science – What is friction?</p> <p>Watch the BBC Bitesize video called ‘What is Friction?’ and also ‘Newton’s first law of motion.’</p> <p>Write a definition of what the term friction means.</p> <p>Sometimes there is a lot of friction and sometimes there isn’t much friction at all – make lists of examples of when this is the case .....</p> <table border="0" data-bbox="1120 1165 1612 1276"> <tr> <td><u>High Friction</u></td> <td><u>Low Friction</u></td> </tr> <tr> <td>-Car Tyre</td> <td>- Ice Rink</td> </tr> </table> <p>Explain why sometimes high friction is a good thing and why sometimes low friction is needed.</p>	<u>High Friction</u>	<u>Low Friction</u>	-Car Tyre	- Ice Rink	<p>Geography – How are rivers around the world used?</p> <p>Watch Youtube – How do people use River basins?</p> <p>Uses of Rivers – Slideshare</p> <p>List the different uses of rivers, then put the list of uses of rivers in order of their importance for life today and life in the past.</p>
<u>High Friction</u>	<u>Low Friction</u>						
-Car Tyre	- Ice Rink						

		<p>Decide if friction is an advantage/disadvantage in the following situations .....</p> <ul style="list-style-type: none"> <li>-Fidget spinner</li> <li>-Running shoes</li> <li>-Bike brakes</li> <li>-Playground slide</li> </ul> <p>Watch BBC Bitesize – An investigation of friction and Friction (Clip compilation)</p> <p>Try investigating which surface a toy car travels furthest on – laminate/lino flooring, carpet, tabletop, slabs/tarmac, gravel, decking, grass. Think how to make this a 'fair test' and what results you would need to record.</p> <p>OR</p> <p>Make a marble race – use different types of paper/surfaces – sandpaper, corrugated card, foil, tissue/kitchen roll, etc. Split a box in to different lanes, then tilt the box, release the marbles and see which one reaches the bottom first – make sure that you write an explanation of your findings.</p>	<p>Art – Following on from Madame Byrne's task last week, continue to use the 'Pointillism' technique (lots of dots close together) to create your own version of Georges Seurat's – La Grande-Jatte – showing a river scene.</p> 
<p>RE – How is dance used to communicate in different religions?</p> <p>Explore different ways in which people express their different beliefs through dance.</p> <p>Watch BBC Bitesize – Expressing faith through dance and the different Hindu gods.</p>	<p>Maths – Learn to identify equivalent fractions, decimals &amp; percentages – e.g. <math>50/100 = \frac{1}{2} = 0.5 = 50\%</math> or <math>48/100 = 0.48 = 48\%</math> - Write some more examples like these – try starting with the decimal or percentage rather than the fraction every time.</p> <p>There are some powerpoints on Twinkl that would help you with this work ....</p> <p>Maths Fractions – Percentage Power Percentage Jigsaws Percentage Quiz</p>	<p>Music – Listen to the piece of music – 'The Moldau from la Vlast' by Bedrich Smetana.</p> <p>In this piece of music the composer wanted to describe the course of a river from its source to entering the sea.</p> <p>Following on from your Geography task last week, when you listen to the piece of music, think about which part of the river's journey</p>	<p>PE – Continue to keep active – spend some time each day exercising using one of the many fitness routines online, the P.E Challenges from the 'Outreach Team,' the grid on our website page, trampolines in your garden or some other way of your own choice.</p>

<p>Youtube = Dance the Hora – How to do the Jewish Wedding Dance.</p> <p>Youtube = Whirling Dervishes – Islamic dance.</p> <p>Explain some of the features in each style of dance and how the dances make you feel.</p>	<p>Draw a 10 x 10 square – split this up in to 100 centimetre squares – colour the squares to form the initial of your first name – you must colour at least 20% of the grid. Identify what percentage has been coloured and also what percentage remains uncoloured.</p> <p>Watch the videoclip – Maths Antics – percents and equivalent fractions – this will explain what you need to do if the denominator isn't 100.</p> <p>Complete this next task 'Equivalents Tennis' with another member of your family.  Partner 1: Say a decimal to two decimal places, a percentage or a fraction with the denominator of 100.  Partner 2: To hit it back with an equivalent fraction/decimal/percentage  e.g. Partner 1 – 29/100  Partner 2 – 0.29/29%</p> <p>Continue with another equivalent and win a point if your partner can't think of another equivalent to hit back with.</p> <p>Complete these two problem questions .....</p> <p>Mo, Annie and Tommy all did a test with 100 questions. Tommy got 6 fewer questions correct than Mo and Annie scored 65%.  Create a chart that shows their scores and their percentage.  How many more marks did each child need to score 100%</p> <p>Dora and Amir each have 100 sweets.  Dora eats 65% of hers and Amir has 35 sweets left.  Who has more sweets left?</p>	<p>the music is describing. Does the speed of the music give you any clues or the type of instruments that are used?</p>	
<p>Reading – Children should be encouraged to read every day. Please encourage your child to read a variety of books for at least 20 – 30 minutes everyday and discuss with them what they have read.</p>		<p>Maths – Please complete at least 5 games on garage and 5 games on studio everyday. Please use the opportunity in the multiplayer games to play against friends or other children around the country.</p>	
<p>These websites may also be useful</p> <p><a href="https://uk.ixl.com/">https://uk.ixl.com/</a></p> <p><a href="https://www.topmarks.co.uk/maths-games/hit-the-button">https://www.topmarks.co.uk/maths-games/hit-the-button</a></p> <p><a href="https://rich.maths.org/">https://rich.maths.org/</a></p>			

<https://www.twinkl.co.uk/> There is a free Year 5 School Closure Home Learning Pack available on this site.

[www.oxfordowl.co.uk](http://www.oxfordowl.co.uk)