

Year 5 Spring 2: Week 6 Maths Planning

Date	Learning Objective	Starter Activity	Main Teaching	Plenary Activity
29/03	✓ Can pupils estimate the capacity of a variety of objects?	Open the Starter flipchart. Use this to spark discussion. The children should be able to answer these questions quite easily.	<p> https://app.mymaths.co.uk/295-lesson/units-of-capacity </p> <p>Run through this to recap capacity and discuss millilitres and litres. What other ways is capacity measured? Pints, gallons etc.</p> <p>Today pupils will carry out an investigation into capacity. They will be estimating the capacity of 5 different objects around the house. They'll then be testing the capacity of these objects by filling them with water and measuring them using a measuring jug.</p> <p>There is a table available to record results.</p>	<p>Reasoning Question: A bottle holds 650ml of water. Greg drinks half a litre of it. How much water is left?</p> <p> https://nrich.maths.org/13664 Follow the link above. This should spark some good discussion with your child. </p>
30/03	✓ Can pupils use an appropriate strategy to estimate the area of irregular shapes?	Open the Starter flipchart and discuss with your child to recap yesterday's learning.	<p>Open the Irregular Shapes flipchart and run through this with your child.</p> <p>Explain they need to count the whole squares. Then count the partial squares and decide whether they are big enough to round up to a whole square or not.</p> <p>There is a range of area activities for children to work on.</p>	<p>Mark through the work and discuss any difficulties your child</p> <p>Correct estimates could be within 1-3 cm²</p> <p>Open the Plenary PPT and run through these two questions with your set.</p>

31/03	<p>✓ Can pupils sort a variety of shapes based on their properties? E.g. size of angles and sides.</p>	<p>https://mathsframe.co.uk/en/resources/resource/75/shapes_sort_carroll#</p> <p>Play the game above as a starter. You can differentiate this when choosing the options.</p> <p>HA – focus on angles/parallel sides.</p>	<p>https://app.mymaths.co.uk/1762-lesson/rectangles-and-irregular-polygons</p> <p>Work through the slides above. Hand your child the polygon help poster.</p> <p>Pupils will be sorting a set of polygons according to whether they have equal sides and angles. Pupils should measure the sides and angles to test this. There is a carroll diagram for them to use.</p>	<p>Mark through the work. Has your child placed the shapes into the correct boxes?</p>
1/04	<p>✓ Can pupils sort shapes based on their properties? E.g. types of angle/parallel/perpendicular lines.</p>	<p>https://mathsframe.co.uk/en/resources/resource/75/shapes_sort_carroll#</p> <p>Play the game above as an introduction. You can differentiate this when choosing the options. It should help recap yesterday's learning. Quickly recap regular/irregular shapes too.</p>	<p>Today pupils will be sorting shapes into a carroll diagram again.</p> <p>LA – Could sort based on right angles/no right angles.</p> <p>MA – Could sort shapes based on pairs of parallel lines/no-parallel lines.</p> <p>HA – Could sort shapes based on parallel/perpendicular lines.</p>	<p>You could mark the work with your child or play another game to reinforce learning.</p> <p>https://mathsframe.co.uk/en/resources/resource/75/shapes_sort_carroll#</p>
1/04	<p>✓ To review the children's understanding of the topics covered over the week.</p> <p>✓ To highlight and address any gaps in the children's understanding.</p>	<p>Ask your child to complete the weekly review. CAPACITY</p> <p>This should be completed independently in order to highlight any gaps in your child's understanding.</p>	<p>Mark the CAPACITY REVIEW with your child. Depending on their score they could do the following:</p> <ol style="list-style-type: none"> 1. Revisit a game or activity from the week. 2. Re-work through one of the week's MyMaths lessons if necessary. 	

	✓ To extend the children's understanding of the topics covered over the week.		3. Correct their answers if necessary. 4. Move onto using TT Rockstars.	
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