

Year 5 Spring 1: Week 6 Maths Planning

Date	Learning Objective	Starter Activity	Main Teaching	Plenary Activity
08/02	<ul style="list-style-type: none"> <li>✓ Can I test whether numbers up to 50 are prime?</li> <li>✓ GD: Can I test whether numbers up to 100 are prime?</li> </ul>	<p>Begin with the following warm up:  <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>You could also let your child play TT Rockstars for 5-10 minutes:  <a href="https://trockstars.com/">https://trockstars.com/</a></p>	<p>Open the Prime Number PPT. Discuss what prime numbers are. Discuss some helpful hints when working with prime numbers. E.g. Apart from 2, even numbers are never prime. Apart from 5, all numbers ending in 5 aren't prime. Numbers ending in 0 are never prime.</p> <p>Discuss how to test whether a number is prime or not – by using times table/division facts.</p> <p>Your child can then pick a variety of numbers up to 50 or 100 and test whether they are prime or not. Can they explain why the number is or isn't prime?</p>	<p>Mark through the work together with your child.</p> <p>Were there any numbers they found tricky to test?</p> <p>Open the Plenary flipchart and work through the test style question. How might they go about answering it?</p>
09/02	<ul style="list-style-type: none"> <li>✓ Can I identify prime factors of a given number?</li> <li>✓ GD: Can I solve problems involving factors and prime factors?</li> </ul>	<p>Begin with the following warm up:  <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>You could also let your child play TT Rockstars for 5-10 minutes:  <a href="https://trockstars.com/">https://trockstars.com/</a></p>	<p>Recap prime numbers, what are they? Recap factors, what are they? Give examples if necessary.</p> <p style="text-align: center;">Go into  <a href="https://app.mymaths.co.uk/46-lesson/factors-and-primes">https://app.mymaths.co.uk/46-lesson/factors-and-primes</a></p> <p>This should offer a good recap of factors and prime numbers. The later slides also look at Prime Factors, which we will be focusing on today.</p>	<p>Mark through the work together with your child.</p> <p style="text-align: center;">Which numbers had prime factors?</p>

			<p>Open the flipchart Prime Factors. Use this to assess your child's understanding.</p> <p>Your child can then pick a variety of numbers up to 50 or 100 and identify if they have any prime factors.</p>	
10/02	<ul style="list-style-type: none"> <li>✓ Can I calculate square/cube numbers?</li> <li>✓ GD: Can I solve problems involving square/cube numbers?</li> </ul>	<p><a href="https://www.transum.org/Maths/Game/Primes/Pick.asp">https://www.transum.org/Maths/Game/Primes/Pick.asp</a></p> <p>Play the game above to recap prime numbers. See if your child can progress through the levels.</p>	<p><b>Go into</b> <a href="https://app.mymaths.co.uk/5899-lesson/squares-and-cubes">https://app.mymaths.co.uk/5899-lesson/squares-and-cubes</a></p> <p><b>This covers quite a lot including square numbers, cube numbers, square roots and cube roots. There are also opportunities for assessment throughout.</b></p> <p>Using the flashcards to 20, allow your child to pick a number out and square/cube it. E.g. If I chose 7 I would do <math>7^2</math> and <math>7^3</math>.</p> <p>Some children may be able to test numbers to 100. There are some challenge questions too.</p>	<p>Mark through the work with your child and discuss any difficulties.</p> <p>Give them the self-assessment table for your child to complete.</p>
11/02	<ul style="list-style-type: none"> <li>✓ Can I solve problems involving prime numbers, factors, squares and cubes?</li> </ul>	<p>Pupils can use their self-assessment from yesterday to decide an area they need to revise or look over again.</p> <p><a href="https://www.studyzone.tv/game85-coded4e68207b5df573b0cb1358594677319">https://www.studyzone.tv/game85-coded4e68207b5df573b0cb1358594677319</a></p>	<p>There is a range of resources based on this week of learning. Your child can choose from these. Depending on how they have got on you may want to cover something more specifically.</p> <p>You can use the links from previous lessons to recap if necessary.</p>	<p><a href="https://www.transum.org/Maths/Game/Flabbergasted/">https://www.transum.org/Maths/Game/Flabbergasted/</a></p> <p>The game above could be played as a nice finish.</p>

			<a href="https://nrich.maths.org/5721">https://nrich.maths.org/5721</a> GD: Use the link above to try some of the venn diagram challenges.	
12/02	<ul style="list-style-type: none"> <li>✓ To review the children's understanding of the topics covered over the week.</li> <li>✓ To highlight and address any gaps in the children's understanding.</li> <li>✓ To extend the children's understanding of the topics covered over the week.</li> </ul>	Ask your child to complete the weekly review. <b>PRIMES, SQUARES AND CUBES REVIEW</b>  This should be completed independently in order to highlight any gaps in your child's understanding.	Mark the <b>PRIMES, SQUARES AND CUBES REVIEW</b> with your child. Depending on their score they could do the following: <ol style="list-style-type: none"> <li>1. Revisit a game or activity from the week.</li> <li>2. Re-work through one of the week's MyMaths lessons if necessary.</li> <li>3. Correct their answers if necessary.</li> <li>4. Move onto using TT Rockstars.</li> </ol>	