



St Vincent's Catholic Primary School Maths Homework – Year 2

Autumn 2

Date	Learn these Mental Maths facts!	Mathletics Task
Week 1	<p>Addition Pick any two 2-digit numbers and see if you can add them together. You can use pictures, diagrams or column method to help you find the answer. For example;</p> <ol style="list-style-type: none"> 1. $20+34 =$ 2. $36+11=$ 3. $45+28=$ 	Adding to 2-digit numbers Balance additions to 20
Week 2	<p>Multiplication and Division Choose 6 multiplication number sentences and create an array. e.g. $4 \times 6 = 24$</p> <p>Challenge: Can you write the inverse division number sentence using the same numbers? e.g. $24 = 6 \div 4$</p>	Frog jump multiplication Arrays 1
Week 3	<p>Multiplication and Division Create your own multiplication or division word problems. Use an array to help solve it.</p> <p>Challenge: Choose numbers that will challenge you. Or create a two-step problem where you might need to add or subtract something before completing the multiplication or division. e.g. Sally had 5 apples, Emma had 3 apples and James had 7 apples. They wanted to share them between themselves equally. How many apples did each person get? $5 + 3 + 7 = 15$ $15 \div 3 = 5$</p>	Share the treasure Fill the jars
Week 4	<p>Geometry Draw 5 2D and/or 3D shapes and label their properties. e.g. cube = 12 edges, 6 faces, 8 vertices</p> <p>Challenge: Create Top Trumps style cards with 3D shapes on them. The shape with the highest number of edges, faces or vertices wins.</p>	Collect the shapes 1 Collect the objects
Week 5	<p>Measurement Choose up to 10 objects from home. Estimate their length (record results in a table) then measure the objects in cm. Was your estimation close to the real length?</p> <p>Challenge: Find a variety of different water bottles and estimate their capacity then fill the bottle with water and measure the capacity.</p>	Measuring length with blocks Measure to the nearest half centimetre
Week 6	<p>Halving/Doubling Choose a number, split it in half and double it. e.g. $4 \times 8 = 16$ Create a table to record your findings.</p> <p>Challenge: Choose numbers with 3 digits to split in half and double.</p>	Groups of ten Groups of two Groups of five
Week 7	<p>Count in 2's, 5's and 10's. Can chant all of your 2's, 5's and 10 times tables correctly?</p> <p>Challenge yourself: Ask somebody to challenge you by asking you times table questions in a different order. For example: $10 \times 2?$ $5 \times 5?$</p>	Counting by 2's Counting by 5's Counting by 10's
Holiday	Go over all of this half term's Mental Maths and make sure that you can answer confidently, quickly and accurately. Ask someone older at home to test you! Check that you have completed all the Mathletics exercises set this half term and do some of your own Mathletics practice.	