



## TSS Primary Maths MTP 2022-2023 Year 6 Block 3

Week	Key Targets and Learning Objectives	Key Activities	Key Vocabulary
1	<ul style="list-style-type: none"><li>6Gg.04: Identify, describe and sketch compound 3D shapes.</li><li>6Gg.06; Identify and sketch different nets for cubes, cuboids, prisms and pyramids.</li></ul>	<ul style="list-style-type: none"><li>To identify, describe and sketch compound 3D shapes.</li><li>To identify and sketch different nets for cubes, cuboids, prisms and pyramids.</li></ul>	<ul style="list-style-type: none"><li>3D shape, compound, face, edge, vertices.</li><li>cuboid, net, rectangular face, rectangle, triangular prism, triangular face, triangle, pyramid, square.</li></ul>
2	<ul style="list-style-type: none"><li>6Gg.07: Understand the relationship between area of 2D shapes and surface area of 3D shapes.</li><li>6Gg.05: Understand the difference between capacity and volume.</li></ul>	<ul style="list-style-type: none"><li>To understand the relationship between area of 2D shapes and surface area of 3D shapes.</li><li>To understand the difference between capacity &amp; volume.</li></ul>	<ul style="list-style-type: none"><li>cuboid, net, rectangular face, rectangle, triangular prism, triangular face, triangle, pyramid, square.</li><li>capacity, volume.</li></ul>
3	<ul style="list-style-type: none"><li>6Ni.04: To estimate and multiply whole numbers up to 10 000 by 1-digit or 2-digit whole numbers.</li><li>6Ni.05: To estimate and divide whole numbers up to 1000 by 1-digit or 2-digit whole numbers.</li></ul>	<ul style="list-style-type: none"><li>To understand how to estimate and multiply whole numbers up to 10 000 by 1-digit or 2-digit whole numbers.</li><li>To understand how to estimate and divide whole numbers up to 1000 by 1-digit or 2-digit whole numbers.</li></ul>	<ul style="list-style-type: none"><li>Product &amp; multiply.</li><li>Divide, quotient, divisor &amp; remainder.</li></ul>
4	<ul style="list-style-type: none"><li>6Ni.06: Understand common multiples and common factors.</li><li>6Ni.07: Use knowledge of factors and multiples to understand tests of divisibility by 3, 6 and 9.</li></ul>	<ul style="list-style-type: none"><li>To understand common multiples and common factors. To use knowledge of factors and multiples to understand tests of divisibility by 3, 6 and 9.</li></ul>	<ul style="list-style-type: none"><li>common multiple, common factors</li><li>divisible</li></ul>
5	<ul style="list-style-type: none"><li>6Nf.10: Estimate and multiply numbers with one or two decimal places by 1-digit and 2-digit whole numbers.</li><li>6Nf.11: Estimate and divide numbers with one or two decimal places by whole numbers.</li></ul>	<ul style="list-style-type: none"><li>To estimate and multiply numbers with one or two decimal places by 1-digit and 2-digit whole numbers.</li><li>To be able to estimate and divide numbers with one or two decimal places by whole numbers.</li></ul>	<ul style="list-style-type: none"><li>Multiply</li><li>divide</li></ul>
6	<ul style="list-style-type: none"><li>6Nc.03: Use the relationship between repeated addition of a constant and multiplication to find and use a position-to-term rule.</li><li>6Nc.04: To use knowledge of square numbers to generate terms in a sequence, given its position.</li></ul>	<ul style="list-style-type: none"><li>To be able to use the relationship between repeated addition of a constant and multiplication to find and use a position-to-term rule.</li><li>To be able to use knowledge of square numbers to generate terms in a sequence, given its position.</li></ul>	<ul style="list-style-type: none"><li>Number sequence</li><li>Square numbers &amp; cube numbers.</li></ul>
7	<ul style="list-style-type: none"><li>6Nc.04: To use knowledge of square numbers to generate terms in a sequence, given its position.</li></ul>	<ul style="list-style-type: none"><li>To be able to use knowledge of square numbers to generate terms in a sequence, given its position.</li></ul>	<ul style="list-style-type: none"><li>Square numbers &amp; cube numbers.</li></ul>



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- 6Sp.01: To use the language associated with probability and proportion to describe and compare possible outcomes.
- 6Sp.02: To identify when two events can happen at the same time and when they cannot and know that the latter are called 'mutually exclusive'.
- 6Sp.03: To recognise that some probabilities can only be modelled through experiments using a large number of trials.
- 6Sp.04: To conduct experiments or simulations, using small and large numbers of trials. Predict, analyse and describe the frequency of outcomes using the language of probability.

- To be able to use the language associated with probability and proportion to describe and compare possible outcomes.
- To be able to identify when two events can happen at the same time and when they cannot and know that the latter are called 'mutually exclusive'.
- To be able to recognise that some probabilities can only be modelled through experiments using a large number of trials.
- To be able to conduct experiments or simulations, using small and large numbers of trials. Predict, analyse and describe the frequency of outcomes using the language of probability.

- Probability, chance, equal chance & mutually exclusive.
- Chance experiment.