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| Dorset Primary School No.5132  **Mathematics Policy** |

**Purpose:**

Mathematics is the understanding of concepts, procedures and processes in Number and Algebra, Measurement and Geometry, and Statistics and Probability. At Dorset Primary School, we provide a comprehensive and differentiated Mathematics curriculum that focuses on developing mathematical understanding, fluency, reasoning and problem-solving. Our students will confidently apply their mathematics skills to real-life situations.

**Aim:**

* To engage students in a differentiated and challenging Mathematics Curriculum that develops and maintains a lifelong appreciation for Mathematics.
* To provide students with a balanced and logical learning sequence that scaffolds their learning.
* To build on the students’ innate curiosity about Mathematics.
* To demonstrate that Mathematics is an integral part of everyday life.
* To provide opportunities for students to apply problem solving strategies in real-life contexts.
* To use ICT throughout the Mathematics Curriculum to enable and enhance learning.

**Guidelines:**

* Mathematics will be explored through a variety of learning experiences and teaching methods.
* Hands-on materials will be used to develop and reinforce the understanding of concepts and operations.
* A 60-minute Mathematics session will include approximately 5-10 minutes of number fluency (automatic response, number talks, etc) 10-15 minutes of explicit teaching, 30 minutes of differentiated student work and 5 minutes of reflection about the learning that has taken place.
* All classroom tasks will be differentiated to meet the needs of all students.
* ICT will be used as a tool for a wide range of mathematical experiences.
* Problem solving will be an integral part of the weekly learning program.
* Regular and multiple forms of assessment will inform the teaching and learning that takes place.
* Mathematics will be taught for 5 hours per week.
* The program will be derived from the Victorian F-10 Curriculum.

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| Ratified by Dorset Primary School Council | 20th September 2017 |
| To be reviewed again | 2019 |