








F-9 Numeracy and mathematics resources

To assist schools to improve their numeracy and mathematics outcomes, the Department of Education and Training has developed a range high-quality and evidence-based teaching and learning resources targeting Foundation to Level 9 of the Victorian Curriculum: Mathematics.

Level	Resource	Description	Link	QR CODE
Foundation	Flip Make Play cards and Teaching Guide	<p>The <i>Flip Make Play</i> cards focus on concepts associated with number and early algebra, geometric visualisation, properties of shapes, position and location, measurement, and data reasoning.</p> <p>The teaching guide provides class-based activities that illustrate child-centred pedagogies that develop and extend children's understanding of the underpinning mathematics.</p>	https://fuse.education.vic.gov.au/Pages/Flip-Make-Play	 SCAN ME
Foundation to Level 2	The Mathscots animation series and Teaching Guide	<p>The Mathscots is an animation series comprising 10 stand-alone episodes (each between one and two minutes long).</p> <p>The teaching guide highlights the mathematical focus of each episode and suggests in-class learning experiences as well as ideas to build home/school connections.</p>	https://fuse.education.vic.gov.au/Pages/Mathscots-in-School	 SCAN ME
Levels 5 and 6	Middle Years Maths Challenges	<p>The Middle Years Maths Challenges support student engagement in middle years mathematics (Levels 5-9) and build teacher confidence and capability in teaching with the proficiencies. There are 15 challenges for each year level, including 2 challenges designed specifically for students below level.</p>	https://fuse.education.vic.gov.au/Pages/mymc	 SCAN ME

Level	Resource	Description	Link	
Levels 5 and 6	Learning Sequences	Written by experienced Victorian school teachers in consultation with peers and subject matter experts, the 29 Learning Sequences for English and mathematics have been developed to provide students in Levels 5 to 8 with access to rich, comprehensive, and engaging learning experiences aligned to the Victorian Curriculum.	https://learningsequences.educationapps.vic.gov.au/	 SCAN ME
Foundation to Level 9	Mathematics Teaching Toolkit	The Mathematics Teaching Toolkit (MTT) provides a range of evidence-based approaches for effective numeracy and mathematics from birth to Level 10.	https://www.education.vic.gov.au/school/teachers/teachingresources/discipline/maths/Pages/mathsteachingtoolkit.aspx?Redirect=1	 SCAN ME
	Mathematics Curriculum Companion	The MTT includes the Mathematics Curriculum Companion, which unpacks every content descriptor of the Victorian Curriculum: Mathematics and provides suggested teaching ideas and links to further online resources	https://fuse.education.vic.gov.au/MCC	 SCAN ME
	Proficiency Repository	The MTT also includes the Proficiency Repository, which provides detailed information about the four proficiencies of the Victorian Curriculum: Mathematics and offers teachers guidance as to how to incorporate these in their teaching so as to enhance their approach to helping students develop as independent maths learners.	https://fuse.education.vic.gov.au/Pages/Proficiencies	 SCAN ME