

NUMERACY OVERVIEW

Although the overview describes content in year levels, it is important that staff make professional judgements about when to introduce content based on children's prior knowledge and achievements.

		K	PP	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
WORKING MATHEMATICALLY	MAJOR TEACHING EMPHASES	Curriculum Framework, Australian Curriculum – Mathematics (Pre-primary-Year 7/Kindergarten teachers to lay the groundwork for the Australian Curriculum through intentional teaching of content based on the general capabilities of the curriculum, focusing on personal and social competence, and preparatory numeracy capabilities) Early Years Learning Framework (EYLF) - Kindergarten to Year 2 teachers to draw on the EYLF and accompanying educators' guide for early childhood pedagogical advice K-7 Syllabus Mathematics/Working Mathematically scope and sequence statements Australian Curriculum general capabilities and cross-curriculum priorities							
	KEY LEARNING ACTIVITIES Teachers select learning activities from the range of resources listed. <i>First Steps</i> is the primary resource for the selection of learning activities. Learning activities should be aligned to the appropriate level of development.	<i>First Steps</i> resource books DoE Numeracy Learning and Teaching Resources <i>EYLF Educators' Guide</i>	<i>First Steps</i> resources: <i>First Steps</i> Number Resource Books 1 and 2 <i>First Steps</i> Measurement Resource Books 1 and 2 <i>First Steps</i> Space Resource Book <i>First Steps</i> Chance and Data Resource Book	DoE Numeracy Learning and Teaching Resources <i>Primary Maths for WA</i> Teacher Resource Books (Oxford) <i>Mathematics Today Series</i> online					
	KEY MONITORING AND ASSESSMENT STRATEGIES	<i>First Steps diagnostic tasks, Mathematics Today Series online test items, Maths Diagnostic Assessment Guide (Oxford)</i> <i>Numeracy Screening</i> Individual Student Profiles for students experiencing difficulty (Semester 2) Student reports							
		On-Entry Assessment (Term 1 - all students, Term 4 - students identified as experiencing difficulties) <i>Numeracy Net</i> Individual Student Profiles for students experiencing difficulty (Semesters 1 and 2) – to be completed Week 9, Terms 1 and 3 Student reports	<i>Numeracy Net</i> Individual Student Profiles for students experiencing difficulty (Semesters 1 and 2) – to be completed Week 9, Terms 1 and 3 Student reports	<i>Numeracy Net</i> Individual Student Profiles for students experiencing difficulty (Semesters 1 and 2) – to be completed Week 9, Terms 1 and 3 Student reports	<i>Numeracy Net</i> Individual Student Profiles for students experiencing difficulty (Semesters 1 and 2) – to be completed Week 9, Terms 1 and 3 Student reports	<i>Numeracy Net</i> Individual Student Profiles for students experiencing difficulty (Semesters 1 and 2) – to be completed Week 9, Terms 1 and 3 Student reports			
NUMBER	MAJOR TEACHING EMPHASES	Curriculum Framework, Australian Curriculum – Mathematics (Pre-primary-Year 7/Kindergarten teachers to lay the groundwork for the Australian Curriculum through intentional teaching of content based on the general capabilities of the curriculum, focusing on personal and social competence, and preparatory numeracy capabilities) Early Years Learning Framework (EYLF) - Kindergarten to Year 2 teachers to draw on the EYLF and accompanying educators' guide for early childhood pedagogical advice K-7 Syllabus Mathematics/Number scope and sequence statements Australian Curriculum general capabilities and cross-curriculum priorities							
	KEY LEARNING ACTIVITIES Teachers select learning activities from the range of resources listed. <i>First Steps</i> is the primary resource for the selection of learning activities. Learning activities should be aligned to the appropriate level of development.	<i>First Steps</i> Number Resource Books 1 and 2 <i>EYLF Educators' Guide</i> Numeracy Learning and Teaching Resources <i>K Understand Whole and Decimal Numbers</i> <i>K Calculate</i> <i>K Understand Operations</i>	<i>First Steps</i> Number Resource Books 1 and 2 Numeracy Learning and Teaching Resources <i>P/1 Understand Whole and Decimal Numbers</i> <i>P/1 Calculate</i> <i>P/1 Understand Operations</i> <i>Primary Maths for WA</i> Teacher Resource Books (Oxford) <i>Mathematics Today Series</i> online	<i>First Steps</i> Number Resource Books 1 and 2 Numeracy Learning and Teaching Resources <i>2/3 Understand Whole and Decimal Numbers</i> <i>2/3 Calculate</i> <i>2/3 Understand Operations</i> <i>Primary Maths for WA</i> Teacher Resource Books (Oxford) <i>Mathematics Today Series</i> online	<i>First Steps</i> Number Resource Books 1 and 2 Numeracy Learning and Teaching Resources <i>4/5 Understand Whole and Decimal Numbers</i> <i>4/5 Calculate</i> <i>4/5 Understand Operations</i> <i>Primary Maths for WA</i> Teacher Resource Books (Oxford) <i>Mathematics Today Series</i> online	<i>First Steps</i> Number Resource Books 1 and 2 Numeracy Learning and Teaching Resources <i>6/7 Understand Whole and Decimal Numbers</i> <i>6/7 Calculate</i> <i>6/7 Understand Operations</i> <i>Primary Maths for WA</i> Teacher Resource Books (Oxford) <i>Mathematics Today Series</i> online			
	KEY MONITORING AND ASSESSMENT STRATEGIES	<i>First Steps diagnostic tasks, Mathematics Today Series online test items, Maths Diagnostic Assessment Guide (Oxford)</i> <i>Numeracy Screening</i> Individual Student Profiles for students experiencing difficulty (Semester 2) Student reports							
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MEASUREMENT	MAJOR TEACHING EMPHASES	<i>Curriculum Framework, Australian Curriculum – Mathematics (Pre-primary-Year 7/Kindergarten teachers to lay the groundwork for the Australian Curriculum through intentional teaching of content based on the general capabilities of the curriculum, focusing on personal and social competence, and preparatory numeracy capabilities)</i> <i>Early Years Learning Framework (EYLF)</i> - Kindergarten to Year 2 teachers to draw on the EYLF and accompanying educators' guide for early childhood pedagogical advice K-7 Syllabus Mathematics/Measurement scope and sequence statements Australian Curriculum general capabilities and cross-curriculum priorities								
	KEY LEARNING ACTIVITIES Teachers select learning activities from the range of resources listed. <i>First Steps</i> is the primary resource for the selection of learning activities. Learning activities should be aligned to the appropriate level of development.	<i>First Steps</i> Measurement Resource Books 1 and 2 <i>EYLF Educators' Guide</i>	<i>First Steps</i> Measurement Resource Books 1 and 2 <i>Primary Maths for WA</i> Teacher Resource Books (Oxford) <i>Mathematics Today Series online</i>	<i>First Steps</i> Measurement Resource Books 1 and 2 <i>Primary Maths for WA</i> Teacher Resource Books (Oxford) <i>Mathematics Today Series online</i>	<i>First Steps</i> Measurement Resource Books 1 and 2 <i>Primary Maths for WA</i> Teacher Resource Books (Oxford) <i>Mathematics Today Series online</i>	<i>First Steps</i> Measurement Resource Books 1 and 2 <i>Primary Maths for WA</i> Teacher Resource Books (Oxford) <i>Mathematics Today Series online</i>	<i>First Steps</i> Measurement Resource Books 1 and 2 <i>Primary Maths for WA</i> Teacher Resource Books (Oxford) <i>Mathematics Today Series online</i>	<i>First Steps</i> Measurement Resource Books 1 and 2 <i>Primary Maths for WA</i> Teacher Resource Books (Oxford) <i>Mathematics Today Series online</i>	<i>First Steps</i> Measurement Resource Books 1 and 2 <i>Primary Maths for WA</i> Teacher Resource Books (Oxford) <i>Mathematics Today Series online</i>	<i>First Steps</i> Measurement Resource Books 1 and 2 <i>Primary Maths for WA</i> Teacher Resource Books (Oxford) <i>Mathematics Today Series online</i>
	KEY MONITORING AND ASSESSMENT STRATEGIES	<i>First Steps diagnostic tasks, Mathematics Today Series online test items, Maths Diagnostic Assessment Guide (Oxford)</i>								
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CHANCE AND DATA	MAJOR TEACHING EMPHASES	<i>Curriculum Framework, Australian Curriculum – Mathematics (Pre-primary-Year 7/Kindergarten teachers to lay the groundwork for the Australian Curriculum through intentional teaching of content based on the general capabilities of the curriculum, focusing on personal and social competence, and preparatory numeracy capabilities)</i> <i>Early Years Learning Framework (EYLF)</i> - Kindergarten to Year 2 teachers to draw on the EYLF and accompanying educators' guide for early childhood pedagogical advice K-7 Syllabus Mathematics/Chance and Data scope and sequence statements Australian Curriculum general capabilities and cross-curriculum priorities								
	KEY LEARNING ACTIVITIES Teachers select learning activities from the range of resources listed. <i>First Steps</i> is the primary resource for the selection of learning activities. Learning activities should be aligned to the appropriate level of development.	<i>First Steps</i> Chance and Data Resource Book <i>EYLF Educators' Guide</i>	<i>First Steps</i> Chance and Data Resource Book <i>Primary Maths for WA</i> Teacher Resource Books (Oxford) <i>Mathematics Today Series online</i>	<i>First Steps</i> Chance and Data Resource Book <i>Primary Maths for WA</i> Teacher Resource Books (Oxford) <i>Mathematics Today Series online</i>	<i>First Steps</i> Chance and Data Resource Book <i>Primary Maths for WA</i> Teacher Resource Books (Oxford) <i>Mathematics Today Series online</i>	<i>First Steps</i> Chance and Data Resource Book <i>Primary Maths for WA</i> Teacher Resource Books (Oxford) <i>Mathematics Today Series online</i>	<i>First Steps</i> Chance and Data Resource Book <i>Primary Maths for WA</i> Teacher Resource Books (Oxford) <i>Mathematics Today Series online</i>	<i>First Steps</i> Chance and Data Resource Book <i>Primary Maths for WA</i> Teacher Resource Books (Oxford) <i>Mathematics Today Series online</i>	<i>First Steps</i> Chance and Data Resource Book <i>Primary Maths for WA</i> Teacher Resource Books (Oxford) <i>Mathematics Today Series online</i>	<i>First Steps</i> Chance and Data Resource Book <i>Primary Maths for WA</i> Teacher Resource Books (Oxford) <i>Mathematics Today Series online</i>
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PRE-ALGEBRA AND ALGEBRA	MAJOR TEACHING EMPHASES	<i>Curriculum Framework, Australian Curriculum – Mathematics (Pre-primary-Year 7/Kindergarten teachers to lay the groundwork for the Australian Curriculum through intentional teaching of content based on the general capabilities of the curriculum, focusing on personal and social competence, and preparatory numeracy capabilities)</i> <i>Early Years Learning Framework (EYLF)</i> - Kindergarten to Year 2 teachers to draw on the EYLF and accompanying educators' guide for early childhood pedagogical advice K-7 Syllabus Mathematics/Pre-Algebra and Algebra scope and sequence statements Australian Curriculum general capabilities and cross-curriculum priorities								
	KEY LEARNING ACTIVITIES		Resources to assist the planning of learning activities include: <i>Primary Maths for WA</i> Teacher Resource Books (Oxford) <i>Mathematics Today Series online</i>							
	KEY MONITORING AND ASSESSMENT STRATEGIES	<i>Mathematics Today Series online test items, Maths Diagnostic Assessment Guide (Oxford)</i>								
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