



3. (i)

## NUMERACY OVERVIEW Bull Creek Primary School

*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	YEAR 7
<b>WORKING MATHEMATICALLY</b>	<b>MAJOR TEACHING EMPHASES</b>	Curriculum Framework, National Consistency in Curriculum Outcomes, Statement of Learning - Mathematics, Mathematics Syllabus K - 3 and 4 - 7 Working Mathematically scope and sequence documents								
	<b>KEY LEARNING ACTIVITIES</b>	<u>Early Childhood Phase</u> See Mathematics Curriculum Guide for the focus of learning activities in the Mathematical Strategies, Apply and Verify and Reason Mathematically Outcomes  Curriculum Corporation Learning Federation/DET CMIS Online Resources					<u>Middle Childhood Phase</u> See Mathematics Curriculum Guide for the focus of learning activities in the Mathematical Strategies, Apply and Verify and Reason Mathematically Outcomes  Curriculum Corporation Learning Federation/DET CMIS Online Resources			
	<b>KEY ASSESSMENT STRATEGIES</b>	OSF, diagnostic tasks								
<b>NUMBER</b>	<b>MAJOR TEACHING EMPHASES</b>	Curriculum Framework, National Consistency in Curriculum Outcomes, Statement of Learning - Mathematics, Mathematics Syllabus K - 3 and 4 - 7 Number scope and sequence documents								
	<b>KEY LEARNING ACTIVITIES</b>	<i>First Steps</i> Number Resource Books 1 and 2  DET Numeracy Online Resources - K Understand Whole and Decimal Numbers, K Calculate and K Understand Operations  Curriculum Corporation Learning Federation/DET CMIS Online Resources	<i>First Steps</i> Number Resource Books 1 and 2  DET Numeracy Online Resources - P/1 Understand Whole and Decimal Numbers, P/1 Calculate and P/1 Understand Operations  Curriculum Corporation Learning Federation/DET CMIS Online Resources  Mental Mathematics Teaching Resource - Think Mathematically.	<i>First Steps</i> Number Resource Books 1 and 2  Numeracy Online Resources - 2/3 Understand Whole and Decimal Numbers, 2/3 Calculate and 2/3 Understand Operations  Curriculum Corporation Learning Federation/DET CMIS Online Resources  Mental Mathematics Teaching Resource - Think Mathematically.	<i>First Steps</i> Number Resource Books 1 and 2  DET Numeracy Online Resources - 4/5 Understand Whole and Decimal Numbers, 4/5 Calculate and 4/5 Understand Operations  Curriculum Corporation Learning Federation/DET CMIS Online Resources  Mental Mathematics Teaching Resource - Think Mathematically.	<i>First Steps</i> Number Resource Books 1 and 2  DET Numeracy Online Resources - 6/7 Understand Whole and Decimal Numbers, 6/7 Calculate and 6/7 Understand Operations  Curriculum Corporation Learning Federation/DET CMIS Online Resources  Mental Mathematics Teaching Resource - Think Mathematically.				
	<b>KEY ASSESSMENT STRATEGIES</b>	Getting It Right Numeracy: Number Monitoring Tool, <i>First Steps</i> Diagnostic Map: Number.								
		Diagnostic Tasks	Diagnostic Tasks from Learning Sequence Documents	Diagnostic Tasks from Learning Sequence Documents	Diagnostic Tasks from Learning Sequence Documents	Diagnostic Tasks from Learning Sequence Documents	Diagnostic Tasks from Learning Sequence Documents	Diagnostic Tasks from Learning Sequence Documents	Diagnostic Tasks from Learning Sequence Documents	Diagnostic Tasks from Learning Sequence Documents
<b>MEASUREMENT</b>	<b>MAJOR TEACHING EMPHASES</b>	Curriculum Framework, National Consistency in Curriculum Outcomes, Statement of Learning - Mathematics, Mathematics Syllabus K - 3 and 4 - 7 Measurement scope and sequence documents								
	<b>KEY LEARNING ACTIVITIES</b>	<i>First Steps</i> Measurement Resource Books 1 and 2  Curriculum Corporation Learning Federation/DET CMIS Online Resources	<i>First Steps</i> Measurement Resource Books 1 and 2  Curriculum Corporation Learning Federation/DET CMIS Online Resources	<i>First Steps</i> Measurement Resource Books 1 and 2  Curriculum Corporation Learning Federation/DET CMIS Online Resources	<i>First Steps</i> Measurement Resource Books 1 and 2  Curriculum Corporation Learning Federation/DET CMIS Online Resources	<i>First Steps</i> Measurement Resource Books 1 and 2  Curriculum Corporation Learning Federation/DET CMIS Online Resources				
	<b>KEY ASSESSMENT STRATEGIES</b>	Getting It Right Numeracy: Measurement Monitoring Tool, <i>First Steps</i> Diagnostic Map: Measurement.								

		K	PP	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6	YEAR 7	
CHANCE AND DATA	MAJOR TEACHING EMPHASES	Curriculum Framework, National Consistency in Curriculum Outcomes, Statement of Learning - Mathematics, Mathematics Syllabus K - 3 and 4 - 7 Chance and Data scope and sequence documents									
	KEY LEARNING ACTIVITIES	<i>First Steps</i> Chance and Data Resource Book  Curriculum Corporation Learning Federation/DET CMIS Online Resources	<i>First Steps</i> Chance and Data Resource Book  Curriculum Corporation Learning Federation/DET CMIS Online Resources	<i>First Steps</i> Chance and Data Resource Book  Curriculum Corporation Learning Federation/DET CMIS Online Resources	<i>First Steps</i> Chance and Data Resource Book  Curriculum Corporation Learning Federation/DET CMIS Online Resources	<i>First Steps</i> Chance and Data Resource Book  Curriculum Corporation Learning Federation/DET CMIS Online Resources	<i>First Steps</i> Chance and Data Resource Book  Curriculum Corporation Learning Federation/DET CMIS Online Resources	<i>First Steps</i> Chance and Data Resource Book  Curriculum Corporation Learning Federation/DET CMIS Online Resources	<i>First Steps</i> Chance and Data Resource Book  Curriculum Corporation Learning Federation/DET CMIS Online Resources	<i>First Steps</i> Chance and Data Resource Book  Curriculum Corporation Learning Federation/DET CMIS Online Resources	<i>First Steps</i> Chance and Data Resource Book  Curriculum Corporation Learning Federation/DET CMIS Online Resources
	KEY ASSESSMENT STRATEGIES	OSF, <i>First Steps</i> Diagnostic Map: Chance and Data, Numeracy Net, diagnostic tasks									
SPACE	MAJOR TEACHING EMPHASES	Curriculum Framework, National Consistency in Curriculum Outcomes, Statement of Learning Mathematics, Mathematics Syllabus K - 3 and 4 - 7 Space scope and sequence documents									
	KEY LEARNING ACTIVITIES	<i>First Steps</i> Space Resource Book  Curriculum Corporation Learning Federation/DET CMIS Online Resources	<i>First Steps</i> Space Resource Book  Curriculum Corporation Learning Federation/DET CMIS Online Resources	<i>First Steps</i> Space Resource Book  Curriculum Corporation Learning Federation/DET CMIS Online Resources	<i>First Steps</i> Space Resource Book  Curriculum Corporation Learning Federation/DET CMIS Online Resources	<i>First Steps</i> Space Resource Book  Curriculum Corporation Learning Federation/DET CMIS Online Resources	<i>First Steps</i> Space Resource Book  Curriculum Corporation Learning Federation/DET CMIS Online Resources	<i>First Steps</i> Space Resource Book  Curriculum Corporation Learning Federation/DET CMIS Online Resources	<i>First Steps</i> Space Resource Book  Curriculum Corporation Learning Federation/DET CMIS Online Resources	<i>First Steps</i> Space Resource Book  Curriculum Corporation Learning Federation/DET CMIS Online Resources	<i>First Steps</i> Space Resource Book  Curriculum Corporation Learning Federation/DET CMIS Online Resources
	KEY ASSESSMENT STRATEGIES	OSF, <i>First Steps</i> Diagnostic Map: Space									
PRE-ALGEBRA AND ALGEBRA	MAJOR TEACHING EMPHASES	Curriculum Framework, National Consistency in Curriculum Outcomes, Statement of Learning Mathematics, Mathematics Syllabus K - 3 and 4 - 7 Pre-Algebra and Algebra scope and sequence documents									
	KEY LEARNING ACTIVITIES	<u>Early Childhood Phase</u> See Mathematics Curriculum Guide for the focus of learning activities in the Functions, Expressing Generality and Equivalence, Equations and Inequalities Outcomes  Curriculum Corporation Learning Federation/DET CMIS Online Resources					<u>Middle Childhood Phase</u> See Mathematics Curriculum Guide for the focus of learning activities in the Functions, Expressing Generality and Equivalence, Equations and Inequalities Outcomes  Curriculum Corporation Learning Federation/DET CMIS Online Resources				
	KEY ASSESSMENT STRATEGIES	OSF, Numeracy Net									

#### ASSESSMENT MANAGEMENT CLASS LEVEL

TOOL	CYCLE	STORED IN INDIVIDUAL STUDENT FILES
Getting It Right Numeracy: Number and Measurement Monitoring Tools	Ongoing	YES
<i>First Steps</i> Diagnostic Maps	Ongoing	YES
Numeracy Net K-1 - Class Profiles (teacher planning purposes) - Student Profiles (completed for identified students)	End of Term 1 Ongoing (updated at least once each term)	YES
Diagnostic Tasks from the Number Online Resources.	Mid term 2 and Mid Term 4	YES

#### SCHOOL LEVEL

TOOL	CYCLE
NAPLAN Numeracy Year 3, 5 and 7	May
Student summative reports	July, December
On Entry Assessment	Pre-Primary