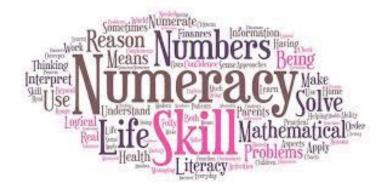
## **Nullagine Primary**

A Remote Community School

We work together as a community to realise each
Students full potential and wellbeing



## Nullagine Primary School Numeracy Operational Plan 2020-2022



Targets	Focus	Strategies	Who	Resources	Timeline	Milestones
To be decided by	Whole School	Curriculum	Teachers	\$3000	All Year	Teacher
teachers after PAT testing	• Continue to use the West Australian Curriculum Learning Framework.	Continue to use the West Australian	and EAs	Mathletics		Judgements
Ü			New Wave	v Wave	NAPLAN	
				Mental		Data
		Meeting Individual Student Needs		Maths		SCASA
		• SAER Support Programs – Develop Individual		Prodigy		Judgement Standards
		Education Plans and Group Education Plans for required	SEN Plannin	· .		PAT Maths Testing SEN Reporting
		students:		Planning		
		<ul> <li>Use 'early intervention' based on testing data.</li> </ul>		and		
		Use transition information & NAPLAN		Reporting		
		• Teachers liaise with EAs re program implementation				
		and provide targeted activities and content.				
		• Develop Individual Education Plans (IEP's) and				
		Group Education Plans (GEP's) for required students				
		based On – Entry, PAT, NAPLAN and in class data.				
		<ul> <li>Use SEN Planning and Reporting.</li> </ul>				
		Provide appropriate resources for intervention				
		programs linked to IEP's and GEP's.				
			Teachers			
			and EAs			

Continue to up-skill staff to support Teaching &		Mathletics	
Learning program by accessing PD.		New Wave	
		Mental	
Priority Areas		Maths	
• Use Mathletics resources across the curriculum as		Prodigy	
a planning/teaching resource for Middle Primary and		SEN	
High School. Junior Primary use Prodigy.		Planning	
Explicit teaching of Mental Maths (basic facts)		and	
across the school.		Reporting	
o Do mental maths regularly.			
o Rote learning of tables.			
o Share partitioning methods and strategies.			
Maintain Problem Solving as a focus for			
proficiency (understanding, reasoning and fluency) –			
o Explicitly teach Problem Solving skills and			
explore Problem Solving processes and methodology			
(e.g. guess & check, draw a diagram).			
o Deconstruct maths problems as a group.			
o Incorporate class challenges such as Sheriff	Tanaham		
Game, Class Ladder competitions, Basic Facts – allocate	Teachers and EAs		
faction points or certificates			

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o Use a range of resources including Smartboard,		New Wave	
Class dice kits, display charts, New Wave Maths,		Mental	
Volume and Capacity kits. ICT and concrete materials.		Maths	
o Encourage cooperative learning – exploration,		Prodigy	
risk.		SEN	
		Planning	
NAPLAN		and	
o Use NAPLAN Planners to develop student Test		Reporting	
Literacy. Years 3 – 6.		Mathletics	
o Use tracking data from NAPLAN (EARS) to			
identify students for Individual Education Plans and to			
identify Priority Areas.			
o Use previous NAPLAN tests to develop students			
Test Literacy.			
Assessment			
o Use PAT Testing to assess at Year level twice a			
year. Term 1 and 4. K-12.	Teachers and EAs		
o Staff use a range of data to guide teaching &	and LAS		
learning programs [SEN] and to support SAER students.			
o Analyse finer grain data from PAT Testing (can			
also use previous years tests data), classroom samples			

& NAPLAN to assist in developing Individual Education	New Wave	
Plans as required. SEN Planning and Assessing.	Mental	
o Transition folders to include information from	Maths	
school tests and On-entry testing. Detailed results are	Prodigy	
recorded on the SHARED DRIVE.	SEN	
	Planning	
Meeting Student Learning Needs	and	
o Use data from PAT & NAPLAN to support class	Reporting	
planning on identified strategies and skills.	Mathletics	
o Purchase resources identified for class sets of		
materials (look at use of concrete materials for K-4		
maths to help with later abstract thinking).		
o Display environmental print with grade specific		
terminology i.e. division/sharing/grouping.		
o Ensure the students know the foundations of		
Place Value and the four operations o Focus on Inverse		
operations – division: multiplication/ addition:		
subtraction.		
o Explicitly teach Maths language to develop		
Mathematical literacy and support with displays of		
Environmental print.		
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PAT Testing Week	K-4	3 ,	Teachers	New Wave	Judgements
2 Term 2 2020. Results available		was determined that the Lower Primary Class needed	and EAs	Mental	NAPLAN
on Shared Drive.		to focus on various differentiation activities and whole		Maths	Data
		group instruction of new maths concepts.		Prodigy	SCASA
		The areas of the Australian Mathematics Curriculum		SEN	Judgement
		that were deemed priority, were as follows:		Planning	Standards
		Place Value and Expanded Notation		and	PAT Maths
		Finding the missing number		Reporting	Testing
		Ordering Numbers from smallest to largest		Mathletics	SEN
		• Money		Rep	Reporting
		Skip counting			On-Entry
		• Sorting			Numeracy Testing
		3D Shapes			Data
		<ul> <li>Mapping</li> </ul>			
		Time and Time Deduction			
		Calendar Manipulation			
		Beginning Area			
		<ul> <li>Pictographs</li> </ul>			
		Word Problems			
		The whole group instruction has been followed by small			
		group activities that have been differentiated by level			

PAT Testing Week 2 Term 2 2020. Results available on Shared Drive.	5-8	of ability. After small group activities, I reinforce learning with Prodigy Math online modules aligned with the correct ability level and age group. The younger students have worked with Techtronic's for kinesthetic counting and emerging addition/subtraction. Other activities are Quia and Kahoot along with manual manipulatives and practice exercises.  In conclusion, the entire semester has been planned allowing two weeks per category/descriptor for full understanding and grasp of concepts.  Number:  Place Value Number Sequences (Skip counting) Fractions Simple subtraction  Measurement and Geometry: 2D Shapes Jirection Time Capacity  Statistics and Probability: Choose simple questioning Data representation.	Teachers and EAs	Mathletics New Wave Mental Maths Prodigy SEN Planning and Reporting		Judgements NAPLAN Data SCASA Judgement Standards PAT Maths Testing SEN Reporting
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9-12	Number Algebra:	Teachers	Mathletics	Judgements
9-12	Number Algebra:  Place Value Odd & Even Numbers Addition & Subtraction Fractions Multiplication & Division Number Patterns  Measurement Geometry: Length Capacity Time 2D Shapes Direction  Statistics Probability:	Teachers and EAs	Mathletics New Wave Mental Maths Prodigy SEN Planning and Reporting	Judgements NAPLAN Data  SCASA Judgement Standards  PAT Maths Testing  SEN Reporting
	Statistics Probability:			

Special Events and Programs				