

Barwon Heads Primary School

Implementing VTLM 2.0 with fidelity and consistency

Presenters



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Principal



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Assistant Principal



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School Context

Located on The Bellarine Peninsula

Enrolment 414 students

• SFOE 0.13



Why

 Wanted to lead a school with our approaches being aligned to evidence-based practices

Our data was good but not great

Learning lottery



Timeline

- Start of 2024 introduced Systematic Synthetic Phonics in Prep, Leadership Knowledge Building
- Term 2 2024 Work in Prep piqued interest of other teachers in literacy, Started teacher knowledge building, School Review, DET Reading Position Statement
- Term 3 2024 Teachers saying, "but what about Maths?", VTLM 2.0
- Start of 2025 Evidence based practices aligned with VTLM 2.0 rolled out in every classroom for Literacy and Numeracy



Going slow, but not too slow....

Our approach has been sequenced and strategic

We have also had a sense of urgency



High expectations and prioritising core business

Common themes for high performing schools

 As much focus as possible has been on Literacy and Numeracy Instruction

Above the line, below the line

 High expectations for teachers coupled with equally high levels of support

Contextual Opportunities and Challenges

Staff

Students

Parents



From what to how well

Classroom observations

Link to PLCs

Continual Professional Learning

High leadership presence in classrooms



Impactful Professional Learning

Building knowledge	Motivating teachers	Developing teaching techniques	Embedding practice	Likely outcome
✓	~	~		If embedding practice is missing, a teacher may understand the content, be motivated to improve, and have the techniques to do so but—after a period of time—may revert to old habits.
✓	✓			When developing techniques and embedding practice are absent, this could lead to the 'knowing, doing gap'. Here, a teacher may be fully aware of what they need to do and be motivated to do it; unfortunately, they do not know how to do so, nor do they have the tools to deliver.
~				Here teachers may have effectively built the knowledge but lack the motivation and skills to implement.
	~	~	~	In this instance, while teacher motivation and implementation may be present, they may have misunderstood and misapplied the initial knowledge.
~	/	/	/	Where PD features a mechanism from each group, it may be more likely to be effective.



DIBELS Prep Data

Beginning of Year Data

63% of students well below the expected level

26% of students below the expected level

4% of students at the expected level

7% of students well above the expected level



VTLM 2.0

Literacy at Barwon Heads Primary School



English Curriculum Map

	BHPS Foundation – English Curriculum Map											
Week	Daily Revie w	Phonolo gical Awarene ss	Phonics	Spellin g Pattern s	Morpholo gy	HFW	Fluency	Handwriting	Reading Spine/Cor e Knowledg e Unit	Lesso ns per week	Writing	Story Champs
1	See Scope & Seque nce	Set 1 Rhyme, Alliteratio n & Syllables	Set 1 – s,a,t,p,n, i			and, for, the	Set 1 – PP Choral & Partner Read	Set 1 letters s,S,a,A,t,T,p, P,n,N,i,I	Text: Teacher's choice	4	Craft Activities Only	
2	See Scope & Seque nce	Set 1 Rhyme, Alliteratio n & Syllables	Set 1 – s,a,t,p,n, i			and, for, the	Set 1 – PP Choral & Partner Read	Set 1 letters s,S,a,A,t,T,p, P,n,N,i,I	CK Nursery Rhymes & Fables	4	Describe the concept of a sentence	
3	See Scope & Seque nce	Set 1 Rhyme, Alliteratio n & Syllables	Set 1 – s,a,t,p,n, i			and, for, the	Set 1 – PP Choral & Partner Read	Set 1 letters s,S,a,A,t,T,p, P,n,N,i,I	CK Nursery Rhymes & Fables	4	Identify and define nouns	
4	See Scope & Seque nce	Set 2 Rhyme, Alliteratio n & Syllables	Set 2 – m,d,g,o, c,f			is, of, a	Set 2 – PP Choral & Partner Read	Set 2 letters m,M,d,D,g,G ,o,O,c,C,f,F	CK Nursery Rhymes & Fables	4	Identify and define verbs	
5	See Scope & Seque nce	Set 2 Rhyme, Alliteratio n & Syllables	Set 2 – m,d,g,o, c,f			is, of, a	Set 2 – PP Choral & Partner Read	Set 2 letters m,M,d,D,g,G ,o,O,c,C,f,F	CK Nursery Rhymes & Fables	4	Sentence Writing WHO + WHAT DOING	

- Whole school Teaching and Learning programs
- Scope and Sequence that connects Teaching and Learning across curriculum areas (interleaving)
- Guaranteed and Viable









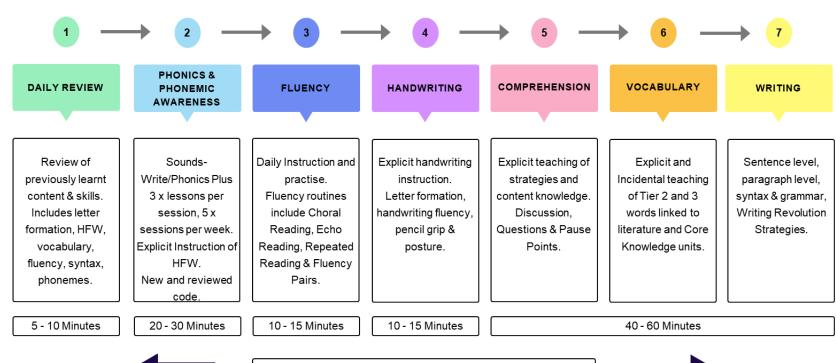




Instructional Model



BARWON HEADS PRIMARY SCHOOL STRUCTURED LITERACY MODEL P-2













Planning Documents

Read	Discuss	Vocabulary	Write					
45-60 minutes								
Text or Core Knowledge Unit: 127-134 Chapter 16 Lesson No: 21 Explicit Focus: subordinating conjunctions	Pause Points/Discussion Questions: 'He too held up a white handkerchief in one hand and began also to work his way through the wire towards me.' p.128 What's happening? 'Still, not your fault I don't suppose. Nor mine, neither come to that.' p.131 What's going on? 'the line of khaki soldiers who began now to laugh and cheer with delight as I limped towards them through the gap in the wire.' p.134 What have we learned from this conversation? What does the author want us to know? Metaphor:I could see his face was lined and creased with years. (p.129) his face red and still smooth with youth (p.130) Personification:a smile lighting his worn face. (p.133)	Explicit: wary, cautious, coarse Incidental: gradual, crescendo, interspersed, coarse, dank, cautiously, askew, warily, barbarous, furrowed, subsided, resonant, wretched, khaki	Writing Task: Subordinating conjunctions Revise terminology for dependent clause, independent clause and subordinating conjunctions. Students complete the sentences by adding an independent clause to the dependent clause. Dependent clauses: Since Joey is trapped within the wires and can't walk freely, Before the Welsh soldier realises the German can speak English, Even though the two soldiers will return to fighting one another in a few hours, Teacher to model with examples as needed. e.g., Since Joey is trapped within the wires and can't walk freely, the soldiers need to intervene to help get him out of No Man's Land. e.g., Before the Welsh soldier realises the German can speak English, he thinks it was useless to come out to try and help Joey. e.g., Even though the two soldiers will return to fighting one another in a few hours, they were able to be kind to each other					
	his face red and still smooth with youth (p.130) Personification:a smile lighting his worn face. (p.133)	h Reading Writin	English, he thinks it was useless to come out to try an Joey. o e.g., Even though the two soldiers will return to fight in a few hours, they were able to be kind to each othe to help Joey.					

Vocab, Reading, Writing L21

Text or Core	Pause Points / Discussion Questions:	Explicit:	Writing Task:
Knowledge Unit:		immaculate,	
135-145	"proper jumpy he was till I got to know him and	inquisitive,	Because, but, so
Chapter 17	he got to know me.' p.139	realistic	Revise conjunctions 'because', 'but' and 'so':
	What's going on?		o 'because' to indicate why something is true
Lesson No: Lesson	'Old Sergeant Thunder won't mind, not if I've	Incidental:	o 'but' to indicate a change in direction
22	done all he told me, and I have.' p.141	heroic, ungainly,	o 'so' to show what happens as a result of something else
	What have we learned from this conversation?	immaculate,	Students write three sentences by adding onto the sentence stem
	'Not often,' Albert said. 'Not often, and not this	inquisitive,	after the conjunction.
Explicit Focus:	time.' p.145	minutely,	Sentence stem: Albert doesn't think the horse could be Joey
	What just happened?	perishing,	Teacher to model with examples as needed:
		realistic, kinship,	o e.g., because he couldn't recognise him at all underneath all of
	Repetition: 'Not often wrong, am I?' Not often,'	vigorously,	the mud and blood.
	Albert said. 'Not often, and not this time.' (p.145)	genuine,	o e.g., but he does his best to take care of the horse anyway.
		irritation, hue,	o e.g., so he misses the initial signs that Joey gives him to let him
		tentatively, wryly	know that it is him.

- Consistent with instructional model
- Planning Expectations clear and defined
- Followed up by leadership
- Feedback and support provided
- Exemplars to support staff
- Using data to inform daily review







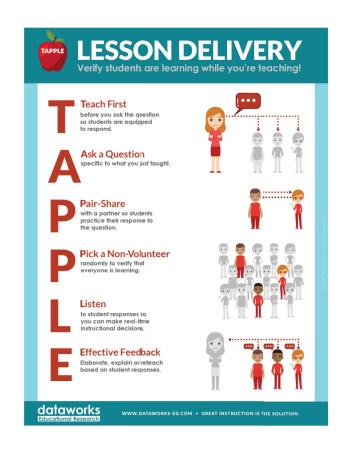






Explicit Direct Instruction



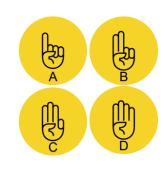








Explicit Direct Instruction (EDI) - Icons



Vote

Multiple Choice



Pair Share



Pick a Stick/Answer (non-volunteer)



Whiteboards

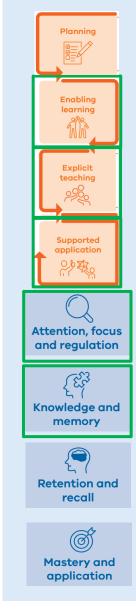


In Your Workbook





Read with me





Explicit Direct Instruction (EDI) - Whiteboards

Teacher "Chin it on 3. 1,2,3."

Students "Chin it"



Park it



Chin it



Hover it



Bin it















Fidelity Checklists

Fluency – Partner Reading

What: Students read aloud for 4 minutes. Whilst Partner A reads, Partner B tracks. Partner A always reads first and is the strongest reader. The 4 minute timer is displayed on the board and if students finish reading the passage before the timer goes off, they reread the passage.

What are the teachers doing?

- Establishing a routine for students so they know the step-by-step process for paired reading and teaching students an error-correction procedure to use when supporting each other's reading
- Ask Partner A to begin reading and start the timer.
 Repeats for Partner B
- Teacher is roving the room, monitoring and supporting students as they read
- Teacher is taking notes as they rove about individual students

What are the students doing?

- Partner A and Partner B sit in their designated
 Partner Reading spot
- Partner A reads for 4 minutes, partner B tracks
- Partner B provides feedback and modelling
- Swap over. Partner B reads for 4 minutes, partner A tracks
- Partner A provides feedback







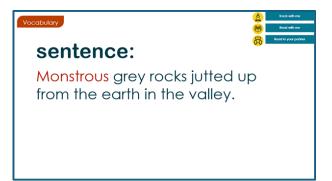




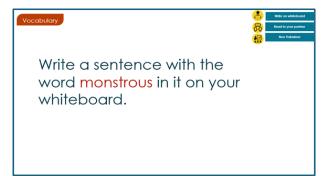


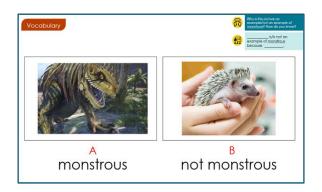
Explicit Vocabulary Instruction

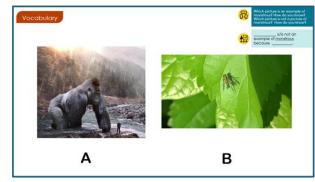




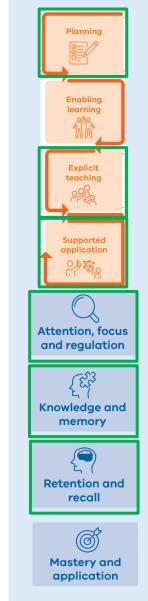








- Multiple exposures to the spelling
- Multiple exposures to the word in a variety of sentences types
- Multiple exposures to the word's diverse morphology
- Exposure to the word in a range of contexts
- To use the word multiple times in speaking and writing

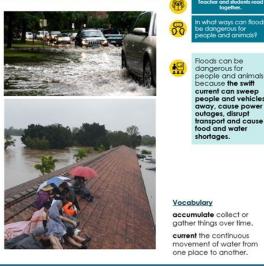


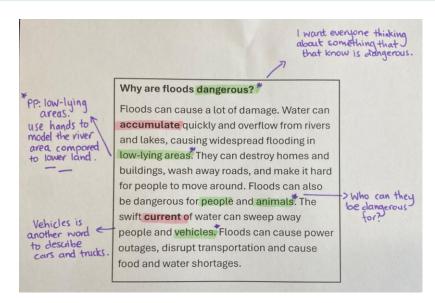


Intellectual Preparation

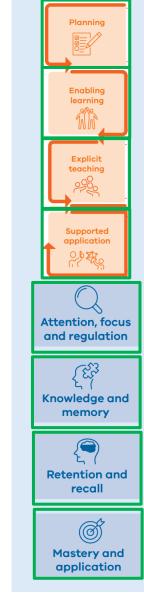


Floods can cause a lot of damage. Water can accumulate quickly and overflow from rivers and lakes, causing widespread flooding in low-lying areas. They can destroy homes and buildings, wash away roads, and make it hard for people to move around. Floods can also be dangerous for people and animals. The swift current of water can sweep away people and vehicles. Floods can cause power outages, disrupt transportation and cause food and water shortages.





- Scripts
- · Responsive teaching
- Read the text
- Read the text again and underline important content, vocabulary, phrases or sentences
- Create the list of potential obstacles to comprehension (content, language, vocabulary)
- Consider why you are stopping at each point, what you'd like to discuss and what you hope to achieve from this
- Write the question(s) you will pose
- Which strategies will students apply?
 When and why? With what level of support?





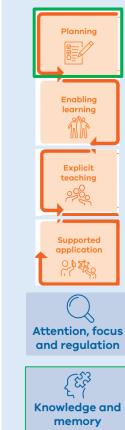
VTLM 2.0

Numeracy at Barwon Heads Primary School





- 2 key components to achieving fidelity and consistency
- School wide expectation to adhere to these
- Ensuring ALL students can thrive academically
- **Teacher lottery**
- Differences between classrooms
- Decline in mathematics performance across Australia
- Professional development











Numeracy Scope & Sequence

	Note: Excluding the Introd		de 2 Scope and Seque as accompanying Daily Review and		Practice Worksheet.			
Week	Monday	Tuesday	Wednesday Thursday		Friday			
1	Time to Settle In							
2	Introductory Lesson Part 1.	Introductory Lesson Part 2. + Bridging Assessment	Catch Up or Top Up	1A. Addition Algorithm, No Regrouping	1B. Time Part 1			
3	1C. Addition Algorithm, No Regrouping (Consolidatation)	Catch Up or Top Up	2A. Subtraction Algorithm, No Regrouping	2B. Length Part 1	2C. Subtraction Algorithm, No Regrouping (Consolidatation)			
4	Catch Up or Top Up	3A. Make and Say 3-digit Numbers	3B. 2D Shapes Part 1	3C. Make and Say 3-digit Numbers (Consolidatation)	Catch Up or Top Up			
5	4A. Say and Write 3-digit Numbers	4B. Time Part 2	4C. Say and Write 3-digit Numbers (Consolidatation)	Catch Up or Top Up	5A. Addition Algorithm, With Regrouping			
6	5B. Length Part 2	Catch Up or Top Up	5C. Addition Algorithm, With Regrouping (Consolidatation)	Catch Up or Top Up	6A. Regrouped Place Value Facts for 2-digit Numbers			
7	6B. 2D Shapes Part 2	6C. Regrouped Place Value Facts for 2-digit Numbers (Consolidatation)	6D. Formative Assessment Blocks 1-5	Catch Up or Top Up	7A. Comparing 3-digit Numbers			
8	7B. Time Part 3	7C. Comparing 3-digit Numbers (Consolidatation)	Catch Up or Top Up	8A. Counting Equal Groups	8B. Length Part 3			
9	8C. Counting Equal Groups (Consolidatation)	Catch Up or Top Up	9A. Subtraction Algorithm, With Regrouping	9B. 2D Shapes Part 3	Catch Up or Top Up			
10	9C. Subtraction Algorithm, With Regrouping (Consolidatation)	Catch Up or Top Up	10A. Ordering 3-digit Numbers	10B. Time Part 4	10C. Ordering 3-digit Numbers (Consolidatation)			
11	Catch Up or Top Up	11A. Multiplication with Arrays	11B. Length Part 4	11C. Multiplication with Arrays (Consolidatation)	11D. Formative Assessment Blocks 6-10			
12	Catch Up or Top Up	12A. Solving Total Problems	12B. MSSP Assessment 1	12C. Solving Total Problems (Consolidatation)	Catch Up or Top Up			
13	13A. Read and Write 4-digit Numbers	13B. Position Part 1	Catch Up or Top Up	13C. Read and Write 4-digit Numbers (Consolidatation)	Catch Up or Top Up			
14	14A. Commutativity of Multiplication	14B. Capacity Part 1	Catch Up or Top Up	14C Commutativity of Multiplication (Consolidatation)	Catch Up or Top Up			
15	15A. Introduction to Change Problems	15B. 3D Objects Part 1	Catch Up or Top Up	15C. Introduction to Change Problems (Consolidatation)	Catch Up or Top Up			
16			Summative Assessment for Reporting	g				
17	16A. Read and Write 4-digit numbers with Zero Hundreds	16B. Position Part 2	16C. Read and Write 4-digit numbers with Zero Hundreds (Consolidatation)	16D. Formative Assessment Blocks 11-15	Catch Up or Top Up			
18	17A. Multiplication by Skip Counting	17B. Capacity Part 2	17C. Multiplication by Skip Counting (Consolidatation)	Catch Up or Top Up	18A. Setting Up Change Problems			
19	18B. 3D Objects Part 2	18C. Setting Up Change Problems (Consolidatation)	Catch Up or Top Up	19A. Introduction to Division	19B. Position Part 3			
20	19C. Introduction to Division (Consolidatation)	Catch Up or Top Up	20A. Place Value Facts for 4-digit Numbers	20B. Capacity Part 3	20C. Place Value Facts for 4-digit Numbers (Consolidatation)			

- Systematically sequenced
- Mathematical skills are cumulative
- Consistent across the whole school
- Aligned with curriculum standards and expectations
- Interleaved













BHPS NUMERACY INSTRUCTIONAL MODEL



BARWON HEADS PRIMARY SCHOOL NUMERACY INSTRUCTIONAL MODEL



FLUENCY

DAILY REVIEW

EXPLICIT TEACHING

GUIDED **PRACTICE** INDEPENDENT PRACTICE

- · Explicit teaching of fluency
- Independent Practice

Review includes:

- Number
- Algebra
- Statistics
- Probability
- Measurement
- Chance
- Data
- Fluency

- Learning Objective
- Activate Prior Knowledge
- · Concept & Skills Development
- Worked Examples

- Problem Pairs
- · Examples and Non-Examples
- · Faded Support
- · Opportunities for additional scaffolding and extension

- Instructional routines
- Opportunities to respond
- Continual checks for understanding
- Responsive teaching

















5-10 Minutes

10-15 Minutes 40-45 Minutes

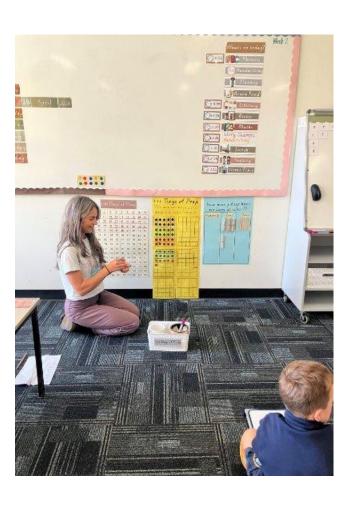


FLUENCY

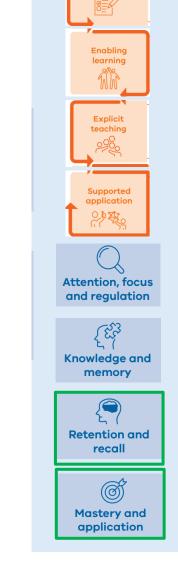
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FLUENCY

- Explicit teaching of fluency
- Independent Practice



- Ability to quickly and accurately recall basic math facts
- Cognitive load
- A lack of fluency in basic maths fact recall significantly hinders a child's subsequent progress with problemsolving, algebra and higher-order math concepts
- MIND fluency program

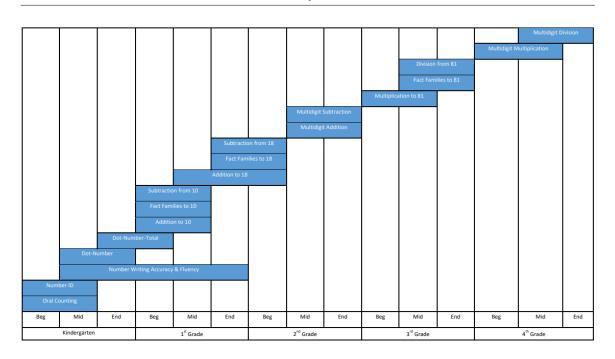


5 - 10 Minutes

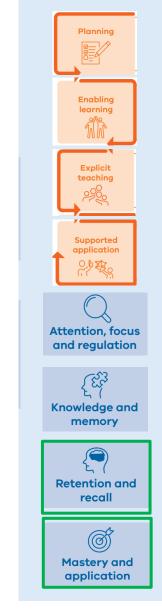


FACTS ON FIRE ACTIVITY

MIND CRITICAL SKILL SCOPE & SEQUENCE BY GRADE & TARGET SKILL



- Daily learning experience, just like reading fluency routines
- Timed assessments are a measure where students can recall the facts with automaticity, with little hesitation and provide the teacher with information on the mastery point of student learning
- Monitoring whether students have attained fluency, determined by both accuracy and speed can only be done through regularly timed tests that track and measure how close to automaticity students are getting





DAILY REVIEW



DAILY REVIEW

Review includes:

- Number
- Algebra
- Statistics
- Probability
- Measurement
- Chance
- Data
- Fluency

10 Minutes



- Neuroscience
- Revisit previously learned content to reinforce understanding
- Increases student retention and recall of their learning
- Spaced practice
- Interleaved practice
- Retrieval practice













DAILY REVIEW

Grade 4 Daily Maths Review (15 minutes)

2D shapes

3D objects

Measurement conversions

Units of time

Geometry

x6 facts

Greater than, less than

Number patterns

Comparing fractions

Pictorial representations of fractions and decimals

Equivalent fractions

Addition

Multiplication

Division

Analogue time

Units of length

Angles

Word Problems



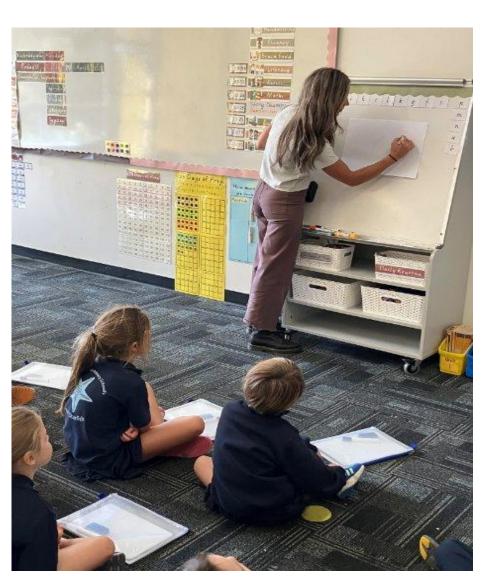


EXPLICIT TEACHING



EXPLICIT TEACHING

- Learning Objective
- Activate Prior Knowledge
- Concept & Skills
 Development
- Worked Examples



- Gradual release of responsibility
- Clear and concise explanation of skills and concepts
- Smaller manageable steps
- Teacher modelling













GUIDED PRACTICE



GUIDED PRACTICE

- Problem Pairs
- Worked Examples
- · Feedback and Support



- 'We do' component of an explicitly taught lesson
- Working through problems with students at the same time, stepby-step, while checking that they execute each step correctly
- Teacher aiming for a high success rate prior to releasing students who are ready to practise skills and tasks independently













INDEPENDENT PRACTICE



INDEPENDENT **PRACTICE**

 Opportunities for additional scaffolding and extension



- Students working with minimal teacher assistance
- Meaningful and linked to previous guided practice
- Reinforce learning and improve recall
- Teachers still checking for student understanding and providing effective feedback













VTLM 2.0

From the perspective of a teacher at Barwon Heads Primary School



Routines and Expectations

Lining up



Unpacking Bags



Reading Decodables





Routines and Expectations

Students sitting in assigned seating

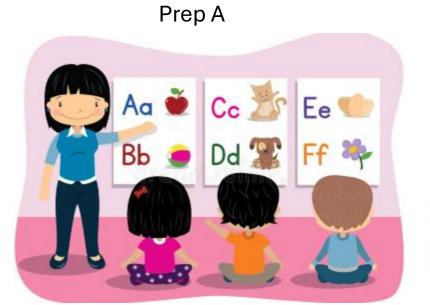


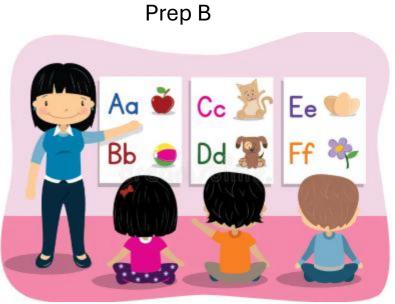
Whiteboard 'parked' and ready to go

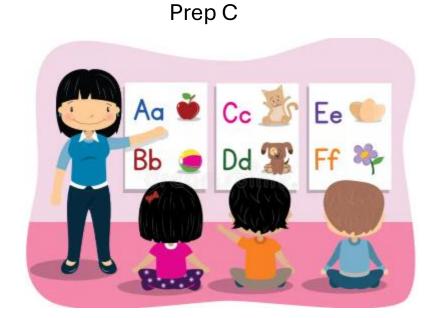




Triplet Analogy

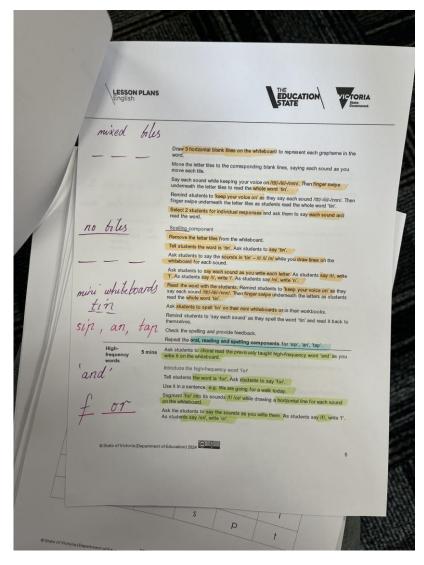








Intellectual Preparation



Annotated Phonics Plus Script

The Prep team discussed lessons prior to teaching to align for consistency



Consistency isn't just confined to individual classroom

• In Prep, the structure, delivery, and expectations are the same



 Fidelity requires shared responsibility and builds collective confidence

School-wide consistency is built intentionally and reinforced daily



Fluency Routines

Student A reads while student B tracks.

1 minute
3 x each



Supports
 differentiation by
 providing scaffolds
 for our students



Explicit Direct Instruction

Cold calling (Popsicle sticks)



Turn and Talk



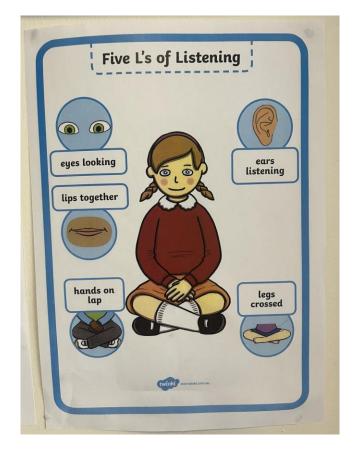
Whiteboard responses





Explicit Direct Instruction and Behaviour Management

5L's of Listening – The expected behaviour.

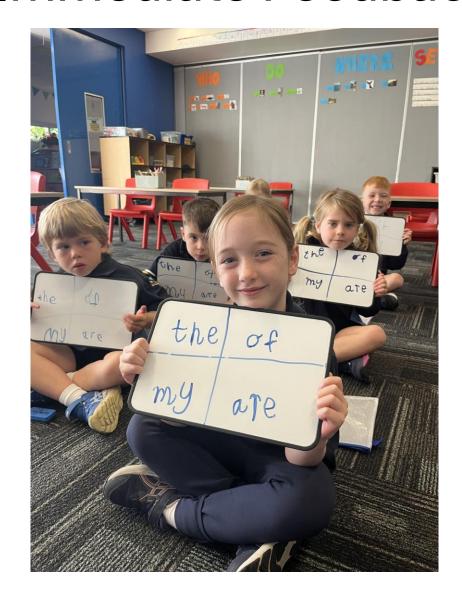




Clear expectations + high engagement = positive behaviour



Immediate Feedback

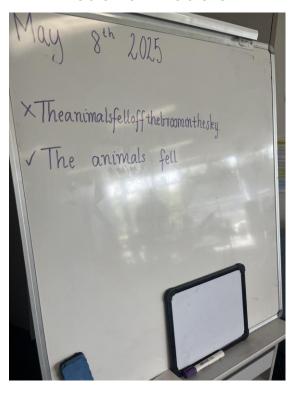


Real time checks supports responsive teaching



Gradual Release of Responsibility Model

Teacher models





Students working independently







