



Mathematics Disciplinary Literacy Framework

Explain like a Mathematician

<u>Reading</u>		<u>Writing</u>		<u>Speaking and Listening</u>	
<ul style="list-style-type: none"> Move between texts and diagrams Decipher word problems Specific vocabulary that can be easily confused Reading with precision Contextualising 		<ul style="list-style-type: none"> Precise vocabulary Method and results writing Structured note taking Analytical writing 		<ul style="list-style-type: none"> Use formal and Mathematical vocabulary accurately Eye contact at all times (from speaker and audience) Project loudly and clearly using full sentences Listen attentively: paraphrasing may be required 	
Strategies/pedagogy to support...					
<ul style="list-style-type: none"> Collective reading ORACY 21 Explicit vocabulary understanding 		<ul style="list-style-type: none"> Sentence crafting Modelling Guided reading and summarising 		<ul style="list-style-type: none"> Accountable talk ABC feedback Paraphrasing what your peer said ORACY 21 	
Combining reading writing:					
<ul style="list-style-type: none"> Bedrock mapper sequenced to pre-teach vocabulary needed to support reading and writing 					
Curriculum opportunities (Year 9)					
HT1	HT2	HT3	HT4	HT5	HT6
Key Tier 3 words explicitly taught and discussed	Key Tier 3 words explicitly taught and discussed	Bedrock mapper –prep learn and retrieve terminology	Reciprocal reading – with the research into interference	Freya Model – which looks at definition, examples and non examples .	Command words – Prepare and plan delivery and understanding of Command words to assist in end of year assessments