

SITE IMPROVEMENT PLAN



GOAL	SUCCESS CRITERIA	TEACHER ACTIONS	
WELLBEING + EFFECTIVE LEARNERS	WHAT STUDENTS WILL BE/DO/UNDERSTAND:	TEACHERS WILL:	RESOURCES
<p>Develop learners who demonstrate resilience and strategic awareness when problem solving in Mathematics</p>	<p>DISPOSITIONS</p> <ul style="list-style-type: none"> Students develop a growth mindset towards Mathematics Students articulate where they are in the Learning Pit and what they need to do next Students demonstrate increased resilience and persistence when faced with new or complex learning <p>CAPABILITIES</p> <ul style="list-style-type: none"> Students identify and interpret information Students demonstrate increased confidence and autonomy in selecting problem solving strategies Students represent mathematical thinking on problem solving mats 	<p>DISPOSITIONS</p> <ul style="list-style-type: none"> Work with students to develop growth mindset norms for Mathematics Provide an environment that supports and promotes productive struggle Use the Growth Zone Model to reframe learning tolerance <p>CAPABILITIES</p> <ul style="list-style-type: none"> Explicitly teach problem solving strategies and methods Make connections between conceptual and procedural knowledge using problem solving mats Create open-ended, rich tasks with multiple entry points <p>UNDERSTANDING</p> <ul style="list-style-type: none"> Explicitly teach conceptual understanding using SA Curriculum Monitor and review practices using formative assessment data Review and align teaching practices to the SA Curriculum 	<ul style="list-style-type: none"> Mathematical Mindsets - Jo Boaler MATH-ish - Jo Boaler <u>Youcubed Mathematical Mindset Teaching Resources</u> webpage <u>Setting up Positive Norms in Math Class</u> - Jo Boaler <u>Maths: Loving Kindness and Resilience-Building</u> article - Baker, Cousins, Johnstone-Wilder <u>Gradual Release of Responsibility</u> - Pearson & Gallagher <u>Productive Struggle</u> series of videos - Youtube - Dan Finkel DfE Strategy for Public Education SA Curriculum Numeracy Guidebook: <u>Build Foundations</u> Numeracy Guidebook: <u>Maintain Momentum</u> <u>How to Write Open-Ended Math Questions</u> - My Teaching Cupboard <u>The Importance of Rich Tasks in K-12 Mathematics</u> - Linda Gojak <i>Problem Solving Mats</i> - various <i>Problem Solving Strategies posters</i> <i>Open-ended Math Problem Solving Cards</i>
<p>INQUIRY QUESTION:</p> <p>How might a student's increased Maths resilience impact their resilience in other learning and social situations?</p>			