

Improvement plan for Australian Science & Mathe

2019 to 2021

School name

Australian Science & Mathematics School

Vision statement

Extraordinary learning, driven by curiosity and challenge, inspiring passion and confidence.



AUSTRALIAN
SCIENCE &
MATHEMATICS
SCHOOL



Government
of South Australia
Department for Education

Plan summary

This table will be automatically populated to provide a summary of your plan.

Goals	Targets	Challenge of practice
Grow students' literacy capability to interpret and create spoken, print, visual and multi-modal texts with appropriateness, accuracy and clarity.	Student comments in their end of semester reports and mid semester Learning Conversations reflect on their developing capacity to be fluent and precise in their writing and speaking and their plans for further improvement.	If we provide regular feedback on students' fluency and precision in writing and speaking then they will be able to work with their teachers to plan for and achieve improvement in their literacy.
	Individual student literacy levels indicate continued growth and improvement of their precision and fluency. Number of students achieving higher grade bands in tasks assessing fluency and precision in writing and speaking is increased.	
Grow students' capability to transfer numeracy and mathematics learning across contexts to solve problems.	Student comments reflect increase confidence and understanding of the connections between their numeracy learning across contexts.	If we design mathematics assessment to build learner agency, involving students in collecting and regularly reviewing their numeracy learning, then students will better understand themselves as learners and be able to demonstrate their numeracy achievements.
	Increase in number of students achieving in higher grade bands in assessments involving unfamiliar problems by 25%. Increase number of students engaging in numeracy rich learning at year 12 and achieving in higher grade bands.	
Provide professional learning programs that support teachers and leaders to design and implement contemporary curriculum that develops general capabilities and learning that is challenging with a focus on science, mathematics and STEM.	ASMS professional learning programs align with Department for Education Strategic Plan for World Class Education, 2020 Action Plan and STEM Strategy.	If we facilitate co-designed professional learning programs focused on contemporary curriculum and challenging learning design in science, mathematics and STEM for teachers and leaders, then our programs will target participant's needs and build on their experiences to enable design and implementation of quality curriculum and learning for a world-class education.