2016 MOUNT PLEASANT PRIMARY SCHOOL SCIENCE OPERATIONAL PLAN

IMPROVEMENT TARGETS

Establish a baseline using ACER testing in Years 4 to 6

STRATEGIES	RESPONSIBILITIES	RESOURCES	MONITORING/ 2016 MILESTONES
K-6 Curriculum Leader to continue to support teachers to develop student skills, knowledge and understandings in Science. The role of the Science Curriculum Leader will include: • development of resources, including resources to support the implementation of the Australian Curriculum; and • delivery of professional learning, including professional learning to support the implementation of the Australian Curriculum as needed; and • management of the Science Cost Centre.	Principal Science Curriculum Leader	Science Connect Community Science Curriculum Leader to be provided with time as needed	Science Curriculum Leader reports to all staff each term in relation to the implementation of the Science Operational Plan
Provide time for the Science Curriculum Leader to collaborate with primary and secondary leaders from across the Applecross Network to support the implementation of the Australian Curriculum. Network to seek support as required from Statewide Services.	Principal Science Curriculum Leader	2 days teacher relief (TR) @ $520 per day = $1 040 for the Science Curriculum Leader to collaboratively plan	Science Curriculum Leader shares expertise with leaders from across the Applecross Network each term
Science Curriculum Leader to be provided with opportunities to attend Australian Curriculum professional development, including training offered through the Institute and professional learning as advertised in IPL section of DET website.	Principal		Science Curriculum Leader attends professional development and shares information with staff. WAMSE Investigate BrightPath Science
Promote Science Week as a whole school rotation of activities 15-23 August 2015 Making Waves – the Science of Light 13-21 August 2016 Drones, Droids and Robots 12-20 August 2017	Science Curriculum Leader Teachers	Resources for robots Consumable resources for activities Sample activities to be distributed	
Support implementation of the Australian Curriculum through the delivery of professional development to staff. Professional development to utilise resources available on the Department's Curriculum Support website with a particular focus on Primary Connections.	Science Curriculum Leader	Australian Curriculum Primary Connections School Development Days Phase meetings	Survey that indicates that staff engage in effective Australian Curriculum professional development

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Build the capacity of teachers through modelling of key instructional strategies, mentoring and coaching. The Science Curriculum Leader will assist colleagues to: • implement the school's whole-school approach to learning and teaching Science aligned to Primary Connections; and • effectively translate assessment information into focused, differentiated instruction.	Science Curriculum Leader Teachers	Science Curriculum Leader to be provided with time as needed for mentoring and coaching support	Evidence that science lessons are being conducted in classrooms.
Kindergarten teachers to lay the groundwork for the Australian Curriculum and the delivery of the Primary Connections units through intentional teaching of content based on the Curtin University resource Planting the Seeds of Science.	Kindergarten teachers	MPPS Science Connect Community has plans suitable for kindergarten with literature based motivation for the units	Content in Kindergarten is aligned to Planting the Seeds of Science and portal resources.
Science Curriculum Leader to devise, in consultation with the Science Committee, a Kindergarten to Year 6 plan to systematically teach the content of the Australian Curriculum (science understanding, science inquiry skills, and science as a human endeavor) using the revised Primary Connections resources. Whole-school plan to articulate the content to be taught each term in: Biological Sciences; Chemical Sciences; Earth and Space Sciences; and Physical Sciences. Plan to consider multi-age classes.	Science Curriculum Leader Science Consultant	K-6 Science implementation plan Primary Connections resources Planting the Seeds of Science resource	Evidence of delivery of science curriculum in classrooms
Teachers to improve the accuracy of student reporting data by: collecting valid and reliable assessment information over time across a range of contexts.	Principal Teachers	Primary Connections Rubrics (available in connect library) Reporting exemplars ACER Science Testing 4-6	Evidence of classroom assessment.
Continue to purchase resources to support implementation of Primary Connections. An Education Assistant to be employed to complete purchasing and resource collation into kits. Purchase digital resources as they are released.	Science Curriculum Leader	Salary - $1100 Resource purchase – $1 000	Evidence-based resources aligned to school planning are purchased
Continue to develop relationships with outside agencies e.g. CSIRO Scientists in School Programme and Earth and Space Sciences Western Australian (ESSWA)	Science Curriculum Leader Science Committee		Evidence of partnerships.