



STEM

POLICY



Help for non-English speakers

If you need help to understand the information in this policy, please contact the front office by calling (02) 60591955.

RATIONALE:

The jobs of the future lie in knowledge and ideas, and our children will need to be smarter and more creative than ever before.

STEM skills and knowledge are important for all stages of our learning, jobs and everyday lives.

STEM education is designed to inspire curiosity and creativity and drive innovation and growth in students through all stages of their schooling.

STEM education at Melrose Primary School covers the specific knowledge and skills found in science, technology, engineering and mathematics disciplines. It also covers the interrelationship between these areas, allowing learning to be delivered in an integrated way, helping a deeper engagement in the four disciplines.

AIMS:

- STEM lessons can be 'problem-based' or 'inquiry-based' and encourage the development strong critical and creative thinking skills.
- STEM units include assessable and reportable outcomes that are designed to engage and challenge students in ways that are linked to real-world situations.
- The emphasis is on providing students with the opportunity to develop mathematical and scientific literacy.
- Provide opportunities to strengthen the relationship between the school and its community.

IMPLEMENTATION:

At Melrose Primary School STEM is delivered by a specialist STEM teacher. The STEM teacher will work with students from Foundation to Year 6 for one hour each week as part of the specialist program. The subject will include learning in the areas of Mathematics, Science, Design and Technologies, and Digital Technologies, as well as cross curricular capabilities such as ethical, critical and creative thinking.

EVALUATION:

This policy will be reviewed with whole staff, student, parent and community input as part of the school's three-year review cycle.

POLICY REVIEW AND APPROVAL :

This policy was last ratified: March 2024
Approved by: Principal
Next Schedule review date: March 2027