

<b>Bundoora primary School Policy</b>	<b>CURRICULUM POLICY STEM</b>	<b>FEBRUARY 2018</b>
<i>Non-negotiable agreements for STEM teaching and learning approaches throughout the school</i>		

### **Vision**

STEM (Science, Technology, Engineering and Maths) at Bundoora Primary School is a comprehensive learning and assessment program, which aims to equip students with skills such as effective questioning, critical evaluation and collaboration. The program also explicitly teaches science concepts as well as introducing students to coding and robotics.

### **Action**

The Bundoora Primary School STEM program will:

- occur once a week for all students in the school.
- have a dedicated space for this program.
- teach and assess all standards of the Science Inquiry Skills and Science Understandings of the Victorian Curriculum across a two-year period.
- incorporate standards from the Digital Technologies and Design and Technologies curriculums where possible, in collaboration with classroom teachers to ensure all standards are addressed across a two-year period.
- utilise High Impact Teaching Strategies to maintain a high standard of teaching and assessment.
- link teaching to the Discovery Scope and Sequence where possible.
- work to provide all students with a safe and positive learning experience, where they are engaged and supported to reach their full potential.
- maintain a safe and friendly learning environment for all students, teachers and staff.
- consistently incorporate AUSLAN to support student participation in the BPS AUSLAN program.
- where possible, involve collaboration with other Specialist areas to support other Specialist team members and enhance all programs.
- participate in Kindy STEM sessions and other opportunities to promote the school and involve the wider community.
- where possible, provide extra-curricular opportunities for students to expand their knowledge and skills in STEM.
- maintain and build relationships with other educational institutions to expand opportunities and resources for students.

### **Review**

This policy will be reviewed in consultation with all staff members as part of the school's review cycle. It will also be provided as part of induction material for each new staff member involved in the delivery of teaching and learning programs.