

JOB DESCRIPTION

Position:	Junior School STEM Teacher – Permanent Full-time
Appointed by:	The Principal
Report Directly to:	Head of Junior School
Commencing:	Term I 2027

Overview:

The Illawarra Grammar School is a co-educational Anglican School located in the Illawarra, catering and caring for students in Preparatory to Year 12.

The School has a reputation for achieving excellent educational outcomes for its students. This is a reputation that our learning community is determined to enhance.

The Illawarra Grammar Statement of Mission and Values captures the School's fundamental commitment to quality teaching and learning that:

- has rigorous student learning as its core business;
- is built around the pursuit of academic excellence across our academic program, cocurricular opportunities, character development and the future readiness of our students, underpinned by the Schools Christian foundations; and
- cultivates an aspirational ethos that values and pursues the achievement of outstanding learning outcomes.

The School's Mission Statement reads:

“The achievement of academic excellence in a caring environment that is founded on Christian belief and behaviour, so that students are equipped to act with wisdom, compassion and justice as faithful stewards of our world.”

A demonstrated commitment to, and support of, the School's Mission and Values Statement are essential.

Position Overview:

The STEM Teacher works with the Director of Teaching and Learning, the Junior School Stage Coordinators, and staff to ensure that the Junior School continues to provide an innovative curriculum that enables the students to attain academic excellence. The role requires a dynamic individual with a passion for STEM education and the ability to inspire and support both students and Junior School staff in achieving academic excellence and fostering a culture of innovation and critical thinking. This role will require a teacher to be an expert in the science of learning and implement this knowledge within a STEM context. This role collaborates, at all levels of the Junior School on STEM programs and initiatives and ensures that these are being implemented and utilised in alignment with the curriculum and school expectations.

Specific Accountabilities

- In collaboration with classroom teachers, implement the Pre-K – Year 6 STEM program and associated skill scope and sequences for each grade and stage
- Be knowledgeable about the latest innovation and technology to ensure our programs remain relevant, future focused and age-appropriate
- Promote teaching and learning experiences within a Christian worldview.

Duties and Responsibilities**Curriculum**

- In consultation with the Director of Teaching and Learning, refine and implement STEM programs from Pre-K to Year 6 that develop subject specific knowledge and associated skills through the latest NESA syllabi, with specific reference to the 'Technologies' curriculum of ACARA
- Liaise with HOD (Science) in the Senior School to ensure a smooth transition in curriculum from Year 6 to Year 7
- Maintain a knowledge and understanding of current educational research, particularly pertaining to Science, Technology, Engineering and Mathematics programs
- Implement effective learning and teaching practices to develop the interests and talents of able students
- Create engaging STEM programs that promote rigour, curiosity and develop critical thinking and problem-solving skills for able students
- Deliver coherent, explicit content in the areas of Science, Technology, Engineering and Mathematics to meet the needs and capabilities of our able students
- Work alongside the Mathematician-in-Residence to develop and deliver the Archimedes Program for students in Years 5 and 6.

Teaching and Learning

- Oversee the integration of innovative and STEM programs throughout the Junior School, Pre-K to Year 6
- Teach STEM lessons to classes across Pre-K to Year 6, with an emphasis on specific skill development at various stages
- Model exemplary teaching, assessment and reporting practice
- Collaborate with the Director of Campus to determine cocurricular opportunities, including Robotics, Scratch, Coding and Computational Thinking
- Assist the Director of Teaching and Learning to identify students requiring additional STEM and extension programs through appropriate assessments
- Provide quality differentiated assessments to monitor and track student progress, ensuring student growth and achievement.

Administration

- Contribute to the planning and management of the Junior School STEM space and its equipment, storage, borrowing system and budget
- Assist with the management of Junior School events that promote our STEM program
- Manage and oversee the STEM teaching and learning spaces, facilities and resources for Junior School students and staff to ensure they are suitable, sufficient and appropriate
- Assist the Director of Teaching and Learning to oversee the integration and installation of appropriate technology in the Junior School

- Assist with planning for relevant staff meetings, parent-teacher meetings, events, assemblies, Open Days etc. as directed
- Promote the School positively on all occasions
- Undertake any further duties consistent with the responsibilities of the role as directed by the Head of Junior School.

Personal Attributes

The successful applicant will:

- have an appreciation for a holistic education while also prioritising the role of the classroom
- have an eye for detail
- meet deadlines and be generous with time
- have excellent written and verbal communication skills
- be supportive of the Christian ministry of the School
- be loyal to the School and publicly supportive of the Principal's decisions.

Desirable Qualifications

- Gifted Education Training/Experience
- Deep knowledge, skills, understanding and experience within the fields of Science, Technology, Engineering and Mathematics.

Working Conditions:

- This position may necessitate some out-of-hours work on weekends and evenings
- Employment will be subject to the provisions of the *Independent Schools NSW Standards Model (Teachers) Multi-Enterprise Agreement 2025* or any industrial agreement that replaces that award
- A mandatory Child Protection check will apply.

Dr Julie Greenhalgh

Principal

June 2027