

# STEM Teacher

## St Peter's Woodlands Grammar School

### Job Specification

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#### Summary and Purpose of Position and its Responsibilities

As the **STEM TEACHER** at St Peter's Woodlands, you are accountable for the key responsibilities and duties listed below which have a clear learning, teaching and pastoral care focus. The fundamental role of the STEM teacher is to develop and implement an engaging and rigorous STEM program and collaborate with teachers in promoting interdisciplinary STEM activities into the core curriculum. It is expected that you will respect and support the School's ethos, values, policies and procedures while working with loyalty and commitment. Within your role you will take ultimate responsibility for all aspects of the STEM Program.

The role provides leadership in the development of innovative STEM learning experiences that foster curiosity, problem-solving, design thinking and a lifelong love of learning. You will demonstrate a passion for teaching and have excellent interpersonal and communication skills and will be able to demonstrate enthusiasm, energy and have a thorough understanding of current practice and impeccable time management skills.

#### Role Accountability and Working Relationships

Whilst you are a member of the staff of St Peter's Woodlands, you are directly accountable in your day-to-day operations to Deputy Principal.

### Terms and Conditions of Employment

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- The level of remuneration and conditions are established by reference to the current St Peter's Woodlands Inc Enterprise Agreement 2023.
- Permanent Full-time Position
- This is a Band 1 Position
- You will be expected to work closely with class teachers within the year group to ensure there is strong pastoral care for the children in which the classrooms you work.

### Role Description

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#### Key Responsibilities / Duties

##### Teaching and Learning

- Develop students' critical and creative thinking, computational thinking, design thinking and problem-solving capabilities through authentic STEM learning experiences.
- Provide constructive and meaningful verbal and written feedback to students and their parents/caregivers in ways that build confidence and encourages continued effort.
- Lead the strategic development and continuous improvement of the School's STEM program from Year 3 to Year 6.
- Create a positive, organised, stimulating and safe learning environment.
- Use technology where appropriate to promote learning, creativity and collaboration.



- Design and implement authentic concept driven units of work which encourage inquiry.
- Accept responsibility for maintaining an atmosphere of mutual respect among students, parents and teachers.
- Provide opportunities for students to develop self-discipline, self-direction, self-regulation and a sense of responsibility to others.
- Coordinate participation in STEM competitions, exhibitions, challenges and where appropriate.
- Maintain awareness of developments in STEM education and future workforce trends to ensure the curriculum remains contemporary and relevant.

### **Curriculum and Resource Development**

- Organise, develop and coordinate special STEM events/activities for the school with support of line managers.
- Ensure that lessons meet the Australian Curriculum requirements, specifically Science, Mathematics, Design Technologies and Digital Technologies.
- Collaborate with teachers and the ELT to develop and implement high quality units of inquiry and critically reflect on these.
- Attend professional development and training related to STEM programs and methodologies, staying abreast of current research.
- Coach teachers on STEM initiatives and instructional best practices in the STEM areas in staff professional development.
- Run and organise Co-Curricular Clubs for students each term.
- Share school STEM activities to the SPW Advancement team.

### **Assessment and Reporting**

- Liaise directly with Line Managers and staff in the development, implementation, and evaluation of STEM initiatives and curriculum
- Assess student performance in a variety of ways, using a range of assessment instruments.
- Collect and maintain accurate and comprehensive records of student learning and achievement.
- Report effectively to parents and students as required.
- Upload student work on ICT platforms (i.e. SeeSaw).

### **General Administration**

- Adhere to school policies and procedures in relation to matters such as student attendance, punctuality, care of rooms and school rules.
- Attend and contribute to meetings for subject, staff and parent-teacher meetings, school events, excursions and assemblies.
- Undertake rostered supervisory duties outside of the classroom and exercise responsibility for the welfare of students.
- Log any correspondence and communications regarding parent meetings student behaviour and academics on iWise.

### **Interaction with the Wider Community**

- Establish and maintain effective communication and working partnership with families to maximise student learning.
- Communicate with parents or caregivers, students and colleagues in a professional and constructive manner in a climate of mutual respect.
- Work in partnership with all members of the community to ensure an optimum learning environment.
- Participate in School functions that are deemed to be part of a staff member's professional duties.



### **Workplace Health and Safety**

- Comply with the SPW Workplace Health and Safety policy. The onus is on you to appreciate any restrictions you may have in relation to your health. You must take reasonable care to protect your own health and safety as well of the health and safety of others who may be affected by your actions or omissions.

### **Additional Duties**

- Actively and publicly promote and support the vision, ethos, values and strategic direction of the School.
- Contributes positively and constructively to a team environment.
- Organise and maintain the STEM classroom.
- Maintain and safeguard the privacy of students and student records.
- Actively participate and engage in the school's performance development.
- Participate regularly in Professional Learning.
- Attend and participate in meetings according to school policy.
- Attend camps and excursions as directed.
- Provide a child safe environment in accordance with the child protection standards.
- Carry out professional duties, as circumstances may require, under reasonable direction of the Principal and/or of those to whom this responsibility has been delegated.

## **Person Specification**

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### **Essential Skills and Abilities**

- Demonstrated passion, expertise and understanding of teaching and learning strategies.
- Demonstrated ability to deliver a dynamic, innovative and student focused program.
- Demonstrated ability to establish and maintain positive relationships with students, parents and staff in a respectful, caring and sensitive manner.
- Demonstrated ability to establish and maintain an effective classroom learning environment.
- Expert knowledge and understanding of the Australian Curriculum.
- Clear understanding of the place of inquiry in delivering the Curriculum.
- Demonstrated ability to use appropriate behaviour management techniques with regard to the School's Positive Behaviour Management Policy.
- Demonstrated knowledge of and use of a wide range of assessment strategies.
- Demonstrated ability to monitor student progress and provide relevant feedback as required.
- Demonstrated ability to use initiative and work within defined timelines.
- Demonstrated ability to communicate effectively, both verbally and in writing.
- Demonstrated ability to work collaboratively as a member of a professional learning team.
- Demonstrated knowledge of the Australian Curriculum: Science, Mathematics, Design Technologies and Digital Technologies.
- Demonstrated knowledge and skills in primary school level coding and robotics.



### Essential Experience

- Experience working in a Primary School environment
- Experience working collaboratively with colleagues

### Desirable Experience

- Have worked in an Independent Primary School environment.

### Essential Qualification

- An appropriate Teaching qualification from a tertiary institution recognised by the South Australian Teachers Registration Board.
- Mandatory Notification Certificate or the willingness to undertake the same.
- Current Working with Children Check (WWCC) or the willingness to undertake the same.
- First Aid Certificate or the willingness to undertake the same.
- Protective Practices Certificate
- A willingness to contribute to the Christian ethos of the school.

Signed & Accepted by		Dated	
Employee Name			
Signed by Principal		Dated	
Principal's Name			

