DIGITAL TECHNOLOGY TEACHER

THE SCHOOL

St Mary’s Anglican Girls’ School is an independent day and boarding school for over 1400 girls from Kindergarten to Year 12. The School is located close to the ocean in the northern suburb of Karrinyup, Perth, Western Australia and, during term time, is home to over 185 boarders.

Founded in 1921 in West Perth by the Reverend C.L. Riley, St Mary’s moved to Karrinyup in the 1960s. The School is proud of its Anglican tradition, ethos and connections, and has a proud tradition of providing a rich and rewarding education for young women to live, learn and grow. The School strives to ensure that each student is nurtured as an individual and feels she is an important member of the St Mary’s family.

St Mary’s has a range of excellent facilities including the Lady Wardle Performing Arts Centre, the Lady Treatt Music and Dance Centre, Dannatt and Hearn Halls for sport, and the Sir Thomas Wardle Swimming Pool Complex. St Mary’s also has a 100-acre property at Metricup, north of Margaret River, where a state-of-the-art outdoor education facility has been developed.

ROLE

The Digital Technology Teacher role is responsible for planning, implementing and assessing a differentiated academic programme to cater for a wide range of students’ needs.

TECHNOLOGY AND ENTERPRISE AT ST MARY’S

The Technology and Enterprise Department offers the following programmes:

- Compulsory WA Digital Technologies curriculum to all students in Years 7, 8 and 9.
- Compulsory Interdisciplinary Intelligence and Innovation (STEM course) to all students in Year 10.
- Compulsory Money Management to all students in Year 10.
- A range of electives in Years 9 and 10, including Creating Apps, Digital Design, Enterprise Business Technology, Mechatronics (following Western Australian Curriculum Design and Technologies - engineering principles and systems strand), Technical Drawing and Young People and the Law.

St Mary’s Anglican Girls’ School is a one to one laptop school.

MAIN DUTIES

The responsibilities of the Digital Technology Teacher are:

- Good knowledge of the Western Australian Curriculum, with particular understanding of the Digital Technologies curriculum.
- Experience teaching in a range of areas including programming, robotics, databases, website development and spreadsheets.
- Experience in teaching two of the department ATAR subjects, which include Applied Information Technology, Business Management and Enterprise or Accounting and Finance.
- Computer Science experience would be desirable, as may possibly be introduced in the future.
EDUCATION, EXPERIENCE, SKILLS AND PERSONAL QUALITIES

Education/Qualifications:

Essential

- Tertiary degree in Engineering, Information Technology, Computer Science or related area
- Education degree or diploma

Experience:

Essential

- Experience in teaching the Digital Technologies Western Australian Curriculum from Years 7 to 10
- Experience of collaborating, creating and sharing learning programmes with a team of teachers
- Experience and evidence of an excellent working knowledge of teaching robotics, databases and spreadsheets and using a variety of mobile technologies
- High level teaching experience of programming in one language
- Experience in teaching ATAR Year 11 and Year 12 in Applied Information Technology
- Familiarity with the Western Australian Curriculum in Technologies from K-12
- Experience of regularly developing new curricula to give students exposure to the cutting edge of this exciting learning area.

Desirable

- Experience in teaching ATAR Accounting and Finance, Business Management and Enterprise and/or Computer Science (possible future course)
- Experience in
  - creating apps for Android and iOS devices
  - using the Adobe Creative Cloud Suite
  - using Office 365 Suite
  - creating flat file and relational databases using Adobe FileMaker Pro
  - designing 3D structures – including 3D design, 3D scanning and 3D printing (following Western Australian Curriculum Design and Technologies – materials and technologies specialisation strand)
  - using Micro:bits, Arduinos, Raspberry Pi, littleBits, Sphero, EV3 etc
  - programming using Python, Swift, Javascript, HTML
  - spreadsheet modelling
- Experience teaching business and/or law in Years 9 and 10
- Marking experience for organisations external to the school e.g. SCSA

Skills/Attributes:

Essential

- Excellent classroom practitioner
- Demonstrate appropriate pedagogy for a 1 to 1 environment and innovation with technology
- Experience using SEQTA
- Excellent organisational and time management skills
- Excellent assessment writing skills
- Ability to work collaboratively as part of a team
- Ability to successfully manage a number of diverse tasks in a busy school environment
- Ability to communicate positively and effectively with all members of the school community
- A commitment to ongoing professional development
- A commitment to extracurricular activities
- Good sense of humour with a positive outlook
St Mary’s Anglican Girl’s School is a child safe environment. Our school actively promotes the safety and well-being of all students, and all school staff are expected to be committed to protecting students from abuse or harm in the school environment, in accordance with their legal obligations and in accordance with our Child-Safe Framework.

St Mary’s is an Anglican school and applicants should be able to demonstrate empathy with and support for the School’s Christian values.

St Mary’s is a non-smoking campus and all staff are expected to adhere to this.

### WORKING RELATIONSHIPS

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<thead>
<tr>
<th>Internal</th>
<th>External</th>
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</thead>
<tbody>
<tr>
<td>• Executive Staff</td>
<td>• Parents, guardians or relatives of students</td>
</tr>
<tr>
<td>• Technology and Enterprise staff</td>
<td>• AISWA</td>
</tr>
<tr>
<td>• Administration Staff</td>
<td>• SCSA</td>
</tr>
<tr>
<td>• Teachers</td>
<td>• Range of industry experts in STEM</td>
</tr>
<tr>
<td>• Students</td>
<td>• Associations linked to Digital Technologies, Accounting and Business</td>
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### CONDITIONS

The role of Digital Technology Teacher is an ongoing, full-time position, commencing Term 1 2019.

Reports to: Head of Technology and Enterprise

Location: St Mary’s Anglican Girls’ School, Elliott Road, Karrinyup

Period: Ongoing, following successful completion of the probationary period (one year)

Conditions: In accordance with the St Mary’s Anglican Girls’ School Enterprise Agreement

### APPLICATIONS

Applications, outlining your suitability for the position, including a curriculum vitae and the names and (mobile) telephone numbers of three referees, should be returned to:

The Principal
St Mary’s Anglican Girls’ School
PO Box 105
Karrinyup WA 6921

Your application should include a covering letter which should be a maximum of two typed pages.

Applications can be submitted online at the St Mary’s website and close on Monday 13 August 2018.

Thank you for your interest in the Digital Technology Teacher position at St Mary’s Anglican Girls’ School.