Position:	STEM or Design Teacher
Reports to:	Senior School Principal
Position Group:	Faculty
Teaching Accountability:	Part-Time 0.6 FTE
Term:	Par-Time (0.6FTE) continuing after successful probationary period OR

Overview

Strathcona-Tweedsmuir School (STS) is a premier co-educational day school nestled in the Foothills of the Rocky Mountains just outside of the City of Calgary on a 220-acre campus. As an International Baccalaureate (IB) World School, STS offers all three IB Programmes from Kindergarten through to Grade 12.

In addition to the global perspective offered by the IB Diploma Programme, the School offers an extensive co-curricular program in a technology-rich environment. Students take advantage of the amazing natural setting including a small pond, forest, and extensive trail system to complement their academic learning.

STS combines the rich traditions from its 117 years of history with innovative and research-based instructional practices where students pursue lives of purpose, flourishing emotionally, physically, and intellectually.

Strathcona-Tweedsmuir School (STS) is seeking a STEM (Science Technology Engineering and Math) teacher who is excited about teaching a hands-on design-thinking based learning program in Middle and Senior School. This is a 0.6 FTE continuing position subject to the successful completion of the probationary year. The position can be combined with other subjects to become a 1.0 FTE position.

This position will teach Design to grade 7 through 12 students at STS in a collaborative, co-teaching environment. This includes: fostering positive relationships with students; creating engaging and appropriate lesson plans and activities, maintaining a safe and inclusive classroom environment; utilizing appropriate instructional techniques and strategies, and conducting meaningful assessments to provide feedback that improves student learning and achievement.

Detailed Job Description

The design and technology program at STS encourages hands-on learning, creativity, entrepreneurship and computational thinking. The successful candidate will be a highly motivated, enthusiastic and innovative teacher with a background in science or engineering and enjoys working creatively in a

collaborative, inquiry-rich environment both within the department and across the curriculum. Familiarity with computer-aided design, fabrication, robotics and VR would be assets

The successful candidate must have an Alberta teaching certificate or be eligible to obtain one. Ideally, they also have experience in engineering, science, art, and/or industrial design.

Though not necessarily prerequisites for this role, knowledge of, and/or training in, the International Baccalaureate Middle Years Programme or Diploma Programme and experience working in an independent school setting are considered assets. In order to support student learning in a technology-rich environment, candidates should have experience using technology in the classroom.

All faculty are expected to contribute to STS's co-curricular activities and demonstrate commitment to students' growth outside of the classroom. Teachers new to STS participate in a dynamic and supportive mentorship program.

Core Areas of Responsibility

- Teach to the Alberta Program of Studies
- Demonstrate the competencies outlined in Alberta Education's Teaching Quality Standard (TQS) and STS's Model for Teaching Excellence
- Abide by policies laid out in the Education Act (2019)
- Ensure the safety and well-being of our students in accordance with STS procedures and policies
- Understand and implement the Mission and Vision of the School
- Collaborate with school administration, the Middle Years Programme (MYP) and Diploma Programme (DP) Coordinator, other teachers in the department, and other faculty at STS
- Model the Learner Profile of the International Baccalaureate (IB)
- Create a supportive learning environment for students that encourages inquiry and offers opportunities to develop the attributes of the IB Learner Profile
- Develop and implement a rich and varied curriculum in Design including Industrial Design, Graphic Design, and technology using principles of user-centred design and sustainability.
- Utilize a variety of effective teaching, classroom management and assessment practices in support of student achievement
- Conduct formative and summative assessment of students, provide detailed, effective, and immediate feedback to support student learning as well as evaluate achievement and report results to students and parents
- Use data-informed strategies to understand students' learning abilities and apply teaching interventions to support learning
- Maintain effective, proactive, and ongoing communication with parents, colleagues and students
- Utilize technology to promote innovative and effective teaching and learning
- Provide pastoral care to students in the capacity of an advisor to support student achievement and well-being

- Engage with and support co-curricular and athletic programs to support student learning and development outside the classroom.

Professional Development

- Demonstrate a commitment to continuous learning and reflection to refine teaching practice;
- Engage in ongoing professional learning;
- Keep current on educational research about how students learn and factors that influence students' learning and achievement;
- Ensure that skill development and technology use by students keeps pace with changing needs at the post-secondary level to ensure that students are well prepared for the next stage of their learning.

Application Instructions

Applications must contain a cover letter, your resume, teaching philosophy statement (limited to one page) the names and contact information for three work-related references one of which must be a direct supervisor (your references will not be contacted without your prior consent). Please submit your application via email to careers@sts.ab.ca with the position noted in the subject line. Please do not send documents via OneDrive or other cloud-based services and please do not send letters of reference, evaluations, and/or transcripts unless asked to do so.

Applications will be reviewed as received and interested applicants are strongly encouraged to apply early as the position may be filled as soon as a qualified candidate is selected.

We thank all those who apply, but only those selected to participate in the next phase of our interview process will be contacted.

Strathcona-Tweedsmuir School provides a welcoming environment for all employees and encourages diversity among staff and students as part of our commitment to the Alberta Human Rights Act.

A diverse community where students pursue lives of purpose, flourishing emotionally, physically, and intellectually.

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