

# sTeam INTENSIVE

## EXPRESSION OF INTEREST



### What is sTeam?

Science (s) and technology (T) interpreted through engineering (e) and the arts (a), all based in mathematical (m) elements, providing a lens to look at the world around us in meaningful, connected ways. The sTeam Intensive is designed to provide innovative programming that will:

- Focus on community building, self-awareness, and resiliency
- Provide opportunities for high-potential careers with multiple paths
- Provide opportunities for a wide range of students through skill-building
- Increase awareness/skills regarding career pathways
- Partner with industry, post-secondary institutions, and government
- Be project-based, inquiry-driven, and sTeam-focused
- Build in purposeful mentorship opportunities with related industries

### Why sTeam?

The sTeam Incubator provides students an opportunity, through project-based inquiry, to fulfil some credit requirements. Students are the driving factor in their learning, choosing the topics and issues that connect with them. The sTeam teachers facilitate their learning by helping them connect to the curriculum and the community, organize their thoughts, and clarify the design process. Throughout the learning, students will develop skills in collaboration, critical thinking, creativity, communication, character, and citizenship.

### What type of student would enjoy sTeam?

Learners who appreciate hands-on, interdisciplinary curriculum experiences combined with flexible pacing that allows time to explore and learn through a variety of digital platforms. sTeam learners will connect to the community in powerful, unique ways that will inspire a pursuit of deeper knowledge. Students who flourish in sTeam will:

- Enjoy exploring learning through science, technology, engineering, arts, and math
- Have a keen interest in wanting to understand how things work and like to build, create, or design things
- Enjoy learning through inquiry, experimentation, and reflection
- See the importance in being self-motivated and like to learn independently, as well as in collaborative groups
- Demonstrate a commitment to learning and exploring new ideas
- Enjoy co-operating with peers for group projects and collaborative learning explorations
- Thrive in challenging and creative academic environments
- Contribute to a positive and respectful classroom and school community
- Be open and interested in sharing and celebrating learning
- Benefit from connections with industry partners in exploring career pathway options

We ask that if you have an interest in having your child be considered for sTeam, please provide the requested information on the final page of this package. This group will be scheduled together as a class for the full morning of one semester. Interest or experience with the computer sciences would be an asset. Consideration will be given to ensure that access to sTeam represents the diversity that makes up our school community.

Completed sTeam submissions (see next page) should be brought directly to the school office by **the end of April**. Should you have any questions for clarification, please be sure to contact the school office.

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## EXPRESSION OF INTEREST



The attached expression of interest is to be completed by students who are interested in registering for the sTeam Intensive. In River East Transcona School Division, the sTeam Intensive is offered at Murdoch MacKay Collegiate.

Student name:

Address:

Home phone:

Cell:

Email:

As you work to highlight some of your thinking and experiences, below, you are invited to create a submission using a method that you feel best supports your interest (e.g. video, reflective art piece, written response).

Learning profile: Describe what excites you about learning and how you would embrace the challenges and opportunities of being part of sTeam.

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Skills/interests: What are you passionate about? Highlight skills or interests based on things you have experienced at school, while volunteering, or through work experiences, hobbies, and extracurricular activities.

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For parents: Why are you in support of this application?

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Student signature:

Date:

Parent/guardian signature:

Date: