



**TIJ10 – Exploring Technologies, Open, Grade 9
Communication Technology Portion
Student Course Outline/Evaluation Profile**

Course Description:

This course enables students to further explore and develop technological knowledge and skills introduced in the elementary science and technology program. Students will be given the opportunity to design and create products and/or provide services related to the various technological areas or industries, working with a variety of tools, equipment, and software commonly used in industry. Students will develop an awareness of environmental and societal issues, and will begin to explore secondary and postsecondary education and training pathways leading to careers in technology-related fields.

Prerequisite: None

Technology Course Fee: \$5.00 to cover material costs.

Curriculum Strands	Overall Expectations
Fundamentals	<p>A1. demonstrate an understanding of the fundamental concepts and skills required in the planning and development of a product or service, including the use of a design process and/or other problem-solving processes and techniques;</p> <p>A2. demonstrate the ability to use a variety of appropriate methods to communicate ideas and solutions;</p> <p>A3. evaluate products or services in relation to specifications, user requirements, and operating conditions.</p>
Skills	<p>B1. use problem-solving processes and project-management strategies in the planning and fabrication of a product or delivery of a service;</p> <p>B2. fabricate products or deliver services, using a variety of resources.</p>
Technology, the Environment and Society	<p>C1. demonstrate an awareness of the effects of various technologies on the environment;</p> <p>C2. demonstrate an awareness of how various technologies affect society, as well as how society influences technological developments.</p>
Professional Practice and Career Opportunities	<p>D1. follow safe practices and procedures when using materials, tools, and equipment;</p> <p>D2. identify careers in various technological fields, and describe the educational requirements for them.</p>

Assessment and Evaluation Breakdown: Final Communication Mark

Knowledge/Understanding (25%)	Thinking and Inquiry (25%)	Application (25%)	Communication (25%)
<ul style="list-style-type: none"> ● Quizzes ● Unit Tests ● Review Sheets 	<ul style="list-style-type: none"> ● Project Reflections ● Written Assignments ● Debriefing Reports ● Critical Analysis 	<ul style="list-style-type: none"> ● 'Hands-on' Projects ● Assignments ● Group and Individual Projects 	<ul style="list-style-type: none"> ● Project Proposals/Briefs ● Project Presentations ● Student/Teacher conferences

Learning Strategies Employed in the Course:

As part of the learning process, students will receive ongoing descriptive feedback which may not be assigned a mark. Learning strategies include group work, teacher directed lessons, hands-on activities, interpretation and analysis of various media (videos, TV, posters, newspapers, floor plans, orthographic and isometric drawings), and writing assignments.

Learning Skills:

The following Learning Skills will be taught and assessed throughout the course. Student's performance in these skill areas will be assessed by the following categories: Excellent, Good, Satisfactory, Needs Improvement. There will be no numeric mark for Learning Skills on the report card. The development and the consistent practice of these skills influence academic achievement. These skills include:

Responsibility	Organization	Independent Work	Collaboration	Initiative	Self-Regulation
<ul style="list-style-type: none"> ● fulfils responsibilities and commitments within the learning environment; ● completes and submits class work, homework, and assignments according to agreed-upon timelines; ● takes responsibility for and manages own behaviour. 	<ul style="list-style-type: none"> ● devises and follows a plan and process for completing work and tasks; ● establishes priorities and manages time to complete tasks and achieve goals; ● identifies, gathers, evaluates, and uses information, technology, and resources to complete tasks. 	<ul style="list-style-type: none"> ● independently monitors, assesses, and revises plans to complete tasks and meet goals; ● uses class time appropriately to complete tasks; ● follows instructions with minimal supervision. 	<ul style="list-style-type: none"> ● accepts various roles and an equitable share of work in a group; ● responds positively to the ideas, opinions, values, and traditions of others; ● builds healthy peer-to-peer relationships through personal and media-assisted interactions; ● works with others to resolve conflicts and build consensus to achieve group goals; ● shares information, resources, and expertise and promotes critical thinking to solve problems and make decisions. 	<ul style="list-style-type: none"> ● looks for and acts on new ideas and opportunities for learning; ● demonstrates the capacity for innovation and a willingness to take risks; ● demonstrates curiosity and interest in learning; ● approaches new tasks with a positive attitude; ● recognizes and advocates appropriately for the rights of self and others. 	<ul style="list-style-type: none"> ● sets own individual goals and monitors progress towards achieving them; ● seeks clarification or assistance when needed; ● assesses and reflects critically on own strengths, needs, and interests; ● identifies learning opportunities, choices, and strategies to meet personal needs and achieve goals; ● perseveres and makes an effort when responding to challenges.

Units of Study and Approximate Timelines:

Units	Major Evaluation	Timeline
Unit #1 – Lab Safety Unit	Safety Quiz	4 hours (3 days)
Unit #2 – Graphic Design Unit	Graphic Design Project	10 hours (8 days)
Unit #3 – Video Unit	Video Project	16 hours (13 days)
Unit #4 – Flash Animation Unit	Flash Autobiography Animation	6 hours (5 days)

Homework:

Homework may include practice, preparation or extension of in-class work. Consistent homework completion is essential for student success.

Deadlines:

Deadlines are realistic in the normal working life outside of the school setting. Deadlines are set as a reasonable management strategy for teachers and students so that workloads can be varied and balanced. Deadlines are also a way of bringing closure to one unit of work and moving ahead to another.

Students are expected to:

- Complete all assessment opportunity tasks (projects, assignments, presentations, etc.) by the due date assigned by the teacher.
- Seek assistance from the teacher when they feel unable to complete a task/assignment due to insufficient knowledge or skills. Advise the teacher of any difficulty well before an assignment/task is due.
- Understand that some deadlines are negotiated; some are absolute. Negotiate alternate deadlines well before an established due date. Work that is not submitted/completed on either a negotiated or absolute deadline will not be assessed/evaluated.
- Understand that chronic lateness in submitting tasks/assignments will prevent teachers from evaluating work and may require students to demonstrate their skills and knowledge within an alternate setting such as summer school.
- If the student does not submit or complete assigned tasks by the due date, that work may not be assessed/evaluated, a mark penalty may be imposed, and/or the student may receive a mark of zero.

Missed Evaluations:

- Students that know ahead of time that they will miss an evaluation are expected to discuss the situation beforehand with the subject teacher.
- Students who miss a summative evaluation for an unauthorized reason may lose the opportunity to complete the task.
- Students who are absent on the day of an evaluation for reasons such as illness, field trip or suspension are responsible for meeting the teacher to make alternate arrangements to submit/complete the assignment.

FAILURE TO COMPLETE COMPULSORY MAJOR EVALUATIONS INCLUDING THE FINAL EVALUATION MAY RESULT IN LOSS OF CREDIT. THERE ARE NO EXCEPTIONS FROM COMPLETING THE FINAL EVALUATION OF A COURSE.

Classroom Requirements:

- 3 ring binder with lined paper
- pen, pencil, ruler, eraser, calculator
- respect for yourself, others, and the equipment around you

Attendance: (See Student Handbook)

You are expected to attend all classes. If a student is absent, it is the student's responsibility to make up missed work. Poor attendance is the chief cause of failure in school. Make an effort to schedule appointments outside of school hours. If you are absent, have a parent or guardian contact the school. If no parental confirmation is received, the absence is recorded as an unauthorized absence. Students should bring a dated signed note to the office upon their return.

Patrick Fogarty Code of Conduct & Ontario Catholic School Graduate Expectations:

(See Student Handbook)

The Simcoe Muskoka Catholic District School Board is committed to providing safe learning and teaching environments that promote responsibility, respect, civility and academic excellence. The Patrick Fogarty Code of Conduct clarifies what orderly and respectful behaviour is and outlines the consequences of non-compliance.

Academic Honesty and Consequences of Cheating:

The grades that students receive are intended to reflect their own academic achievement, effort and creativity. Copying or cheating is unacceptable behaviour. The following activities are considered to be cheating:

- a) copying any material from another student for evaluation purposes, with or without his/her knowledge.
- b) plagiarizing material i.e. handing in another person's work as one's own.
- c) copying material directly from a source without acknowledging the source.
- d) exchanging information or material during an evaluation.
- e) having unauthorized materials such as notes, texts and calculators at one's desk during evaluations.

Students are expected to:

Cheating will not be tolerated. If you cheat you will receive, as a minimum penalty, a mark of zero on the test assignment or exam and you may be suspended from school. Further consequences such as loss of the credit may result if the zero leads to a mark less than 50%.

Every student receives a Student Handbook to assist in keeping track of homework and assignments. Students are encouraged to use it on a regular basis. Additional information can be found in the Student Handbook/Board Policy.