

Henry Street High School

TIJ101

Exploring Technology, Grade 9, Open

COURSE OUTLINE

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.

Exploring Transportation Technology (TTJ10)	<p>This exploratory course introduces students to concepts and skills related to transportation technology, which encompasses the maintenance, servicing, and repair of various types of vehicles, aircraft, and/or watercraft. Students will develop an awareness of related environmental and societal issues, and will begin to explore secondary and postsecondary pathways leading to careers in the field.</p>
Exploring Communications Technology (TGJ10)	<p>This exploratory course introduces students to concepts and skills in communications technology, which encompasses television/video and movie production, radio and audio production, print and graphic communications, photography, and interactive new media and animation. Students will develop an awareness of related environmental and societal issues, and will begin to explore secondary and postsecondary pathways leading to careers in the field.</p>
Exploring Construction Technology (TCJ10)	<p>This exploratory course introduces students to concepts and skills in construction technology, which encompasses plumbing, electrical and network wiring, masonry, heating/ cooling, carpentry, and woodworking. Students will develop an awareness of related environmental and societal issues, and will begin to explore secondary and postsecondary pathways leading to careers in the field.</p>
Exploring Technological Design (TDJ10)	<p>This exploratory course introduces students to concepts and skills related to technological design, which involves the development of solutions to various design challenges and the fabrication of models or prototypes of those solutions. Students will develop an awareness of related environmental and societal issues, and will begin to explore secondary and postsecondary pathways leading to careers in the field.</p>

ASSESSMENT AND EVALUATION

- ❖ **FORMATIVE 70%**
 - Participation/logsheets
 - Assignments/notebook
 - Weekly projects/tasks
- ❖ **SUMMATIVE 30%**
 - Teacher observation of hands-on skills while student completing a performance task
 - Final Exam