

COURSE: ADST – Information and Communications Technologies 9 (ADIT09)

INSTRUCTOR

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RECOMMENDED PRE-REQUISITES

n/a

CREDITS

n/a

OVERVIEW

The Big Ideas, Content, and Curricular Competencies for this course can be found here: [Applied Design, Skills, and Technologies 9](#)

Big Ideas

Social, ethical, and sustainability considerations impact design.

Complex tasks require the sequencing of skills.

Complex tasks require different technologies and tools at different stages.

For this section of ADST 9 we will be using several tools to explore some of the foundational concepts of programming using tools like Minecraft EDU and code.org. You will learn to create digital content while developing problem-solving and troubleshooting skills and persisting through difficult tasks. You will also explore strategies for managing digital content such as digital safety, ethical responsibilities using social media, and strategies to manage their digital footprint.

Topics Covered:

- Sequencing
- Variables
- Loops
- For Loops
- Conditionals
- Sprites
- Functions
- Digital Literacy

ASSESSMENT

Students will have the opportunity to demonstrate their learning through a variety of means such as tests, quizzes, and written assignments. Student growth and progress will be shared and communicated using the Provincial Proficiency Scale.

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	EMERGING	DEVELOPING	PROFICIENT	EXTENDING
The Provincial Proficiency Scale	The student demonstrates an initial understanding of the concepts and competencies relevant to the expected learning.	The student demonstrates a partial understanding of the concepts and competencies relevant to the expected learning.	The student demonstrates a complete understanding of the concepts and competencies relevant to the expected learning.	The student demonstrates a sophisticated understanding of the concepts and competencies relevant to the expected learning.

REGISTRATION

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