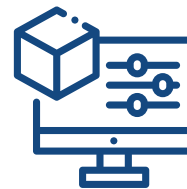# Technology Tools for Educators Certificate

Description

The Technology Tools for Educators Certificate is awarded to learners who complete our 4 day program. Participants will learn how a range of technology tools support digital literacies in all content areas. This is not about tools for their own sake; this training ties clear outcomes to the adoption of associated tools and practices. Modules can be selected based on the needs of the school to build a full range of relevant learning experiences with technology.

Pre-Requisites

- Designed for teachers and specialists who work directly with students;
- 4 consecutive full days;
- Minimum - 10 teachers, Maximum - 20 teachers;
- Participants must have a laptop or device similar to what their students use;

Requirements for the Certificate

- Attendance is mandatory for all days of the training;
- Participants must plan, run and document a technology integration activity with one tool from each module **within 2 months** of the training;

Participants will:

- Learn the conceptual foundations of effective technology integration;
- Develop an understanding of the ways in which contemporary technology tools enhance and transform learning in the classroom;
- Learn how to differentiate instruction with a multimodal learning structure in everyday classroom practice;
- Learn how to extend the walls of the classroom to connect student learning with a global audience;

Modules

Modules are designed around related digital literacies and build upon earlier learning outcomes to revisit and embed concepts over the four day training. Learning engagements prepare teachers to apply best practice with tools and strategies to ensure an enhanced impact on learning.

Creating Instructional Multimedia Content

The ability for our learners to interact with video content is rapidly transforming the learning experience by shifting multimedia content from a passive to an active experience. The ability to combine audio, music, images, and video into a seamless experience that is visually appealing supports differentiation and deeper learning.

Participants will:

- Learn the theory and pedagogy supporting the use of instructional media;
- Explore a range of useful instructional media tools;
- Create an interactive instructional media resource using quizzes and prompts;

Forging Connections

What happens when communication and collaboration are combined with Digital-Age tools? This module will explore tools that expand our learning network for ourselves and our learners by transcending physical barriers to learn, share, and cooperate in ways that would otherwise not be possible.

Participants will:

- Learn the value of social media to grow as a lead learner;
- Learn how to connect learners with others around the world;
- Explore options for virtual field trips and global projects;

Word Processing Tools to Improve Student Writing

There is no digital skill as embedded in all academic subjects as word processing, and no skill that so broadly enables us to communicate ideas. Moreover, word processing offers a visual process to teach writing in the act with tools that help structure the writing process for different learners.

Participants will:

- Learn how word processing tools can enhance writing instruction in different subjects;
- Understand how learning to write can be facilitated with word processing tools;
- Learn how unorthodox tools can allow for creative communication and expression of ideas;

Instructional Interactives and Student Response Systems

How do you know if your lesson, activity, or strategy had the desired outcome for you learners? Learn how to seamlessly build in efficient and timely feedback with interactives to maximize instructional efforts and ensure the best outcomes for learners.

Participants will:

- Learn why and when to use formative assessments with digital tools;
- Understand the different categories of interactive tools and systems and which are the most appropriate for your context;
- Learn how to analyze the results from the data collected on the back-end of several systems;