Teacher Training Program

Coquitlam as a Leader in STEM Education

"At the Micro:bit Educational Foundation our aim is to increase participation in digital creativity so that all children have the skills to thrive in the 21st century. This needs to be achieved by creating an effective framework around the BBC micro:bit of senior level support, teacher professional development and great resources.

Having had the opportunity to attend the Coquitlam delegations presentation at BETT, it was inspiring to see the work that the leadership team have done to roll out micro:bit activity. Their model is an exemplar and we as a Foundation will be sharing their activity as best practice as the micro:bit reaches more children globally."

Gareth Stockdale
CEO, Micro:bit Foundation

About Coquitam

Located in beautiful suburban Vancouver, British Columbia, Canada, the Coquitlam School District inspires students to succeed in the 21st Century by providing world-class teaching and learning experiences to all learners utilizing modern tools that encourage the development of 21st Century Learning Competencies.

The British Columbia schools system has become world-renowned for it's progressive approach to instruction and the Coquitlam School District has consistently rated as one of the top districts in the province.

A recognized national leader in the use of technology, Coquitlam has won numerous leadership awards, including being named the 2018 Canadian Ed Tech Awards K-12 School System Innovator of the year. The district has received particular recognition for its approach to STEM education, focusing on computational thinking and coding.

With 31,000 students and "state-of-the-art" learning facilities, Coquitlam is able to demonstrate to visiting teachers and principals how the latest learning theory can most effectively be applied in practice.

About the Program

The Coquitlam International Education Teacher Training Program is a customizable, multi-day program that combines the exploration of select educational practice topics with school visits to observe the practice being applied in a school setting.

The program provides intensive classroom training by a BC certified teacher or principal. Program instructors are the same teachers and principals that provide training to the district's own educators and help to make the Coquitlam School district a global leader. These high quality workshops are enhanced with school-based observations and participation with local teachers.

Participants can select from a list of instructional workshops which explore the British Columbia approach to education as well as innovative focus topics. Sessions can also be customized for various grade levels (elementary, middle, or high school).

Following successful completion of the program, participants receive certification recognizing their learning.

Program Topics

Participants can choose from the following workshop topics. Custom topics are also possible upon request. School-based observations (up to 2 school visits per program week) are used to connect workshops to practice and provide teachers and principals with practical understanding.

TOPICS
CURRICULUM
• Overview of education in BC and Implementing the Revised Curriculum: Understanding the philosophy, Deconstructing BC Curriculum • Core Competencies and Personalized Learning: Understanding the core-competencies, Practicing application • Approaches to non-core explorations – developing the whole learning: Differences between explorations (middle) and electives, Topics in Social Responsibility and student well-being (mental health, digital citizenship and social initiatives) • Assessment Strategies: Assessment for learning, Communicating student learning – parent as a learning partner, Self and peer reflection
INSTRUCTION
• Inquiry-based learning: how is it different: Assessment strategies, Principles of effective instruction • Effective practices in Primary Education • Effective practices in intermediate and middle education • Science Instruction Across K-12 • BC Applied Design, Skills and Tech (ADST) Curriculum and STEM education
TECHNOLOGY AND LEARNING RESOURCES
• Educational Technology: Transforming Instructional Practice: Deconstructing technology supported learning workflows, Technology as a lever for change, Assessing with teacher organization • Educational Technology Leadership: Developing the 21st Century Learner • Facilities, Learning Commons (libraries) and Community Spaces: Focusing on supporting STEM, Exploring concepts in space, use of external learning resources (museums and natural spaces)
SOCIAL AND COMMUNITY LEARNING
Approaches to extra-curricular programming and community services: Role of field trips in supporting learning, Role of teams and clubs in developing learners
EDUCATIONAL LEADERSHIP
School Leadership: Role of a school principal, Leading for success, Leading for change

All prices are per student in Canadian funds and based on a minimum of 15 students:

Tuition Fee: $100 daily rate (minimum 5-day program)

Custom Design Fee: $500

Application Fee: $100 (non-refundable)

Medical: $3 daily rate