



KAHNAWAKE EDUCATION CENTER

P.O. BOX 1000
KAHNAWAKE, QUEBEC J0L 1B0
TEL: (450) 632-8770
FAX: (450) 632-8042

EMPLOYMENT OPPORTUNITY

LOCATION: KAHNAWAKE EDUCATION CENTER
POSITION: Math and Science Consultant
SALARY RANGE: \$37,500 - \$57,730
DURATION: Indeterminate Full Time Position
START DATE: July 31, 2017 (Tentative)

REQUIREMENTS: Master's Degree in the Teaching of Mathematics or Science (M.Ed) or Curriculum Development with 5 years of experience in teaching Math and/or Science at the elementary or secondary level or a Bachelor's Degree in Education in a relevant field of specialization with 8 years of experience teaching in Mathematics or Science at the elementary and/or secondary level. Knowledge of the Kahnawà:ke Education System and/or experience in working with First Nations educational systems is an asset. Complete proficiency in English language, knowledge of Kanien' kéha and French is an asset

APPLICATION DEADLINE: Friday, July 14, 2017 at 12:00 p.m. (Second Posting)

ELIGIBILITY: In the following order, preference for hire will be given to:
1) Mohawks of Kahnawà:ke;
2) Those of Aboriginal First Nations descent;
3) All other applicants.
The Kahnawà:ke Education Center wishes to thank all those who apply. However, only qualified candidates will be contacted for an interview.

**PLEASE SEND YOUR RÉSUMÉ, LETTER OF INTENT AND
THREE UPDATED PROFESSIONAL LETTERS OF REFERENCE:**

HUMAN RESOURCES DEPARTMENT
Kahnawà:ke Education Center
P.O. Box 1000
Kahnawà:ke Mohawk Territory
J0L 1B0
Email: cv@kecedu.ca

Copies of this Employment Opportunity and Job Description are posted on bulletin boards in various establishments and public institutions throughout the community of Kahnawà:ke. Job posting and Job Descriptions are also available on-line at www.kecedu.ca and at the Kahnawà:ke Education Center reception desk. If you would like any additional information regarding this employment opportunity, please do not hesitate to contact the Kahnawà:ke Education Center, Human Resources Department at 450-632-8770.



General Information

Position Title: Math and Science Curriculum Consultant
Reports To: Curriculum Team Coordinator
Direct Reports: n/a
Date: May 2017

About Kahnawà:ke Education Center

The mission of the Kahnawà:ke Education Center is to provide the children who live in Kahnawà:ke with a solid and well-rounded education laying the foundation for their future careers. The mission of KEC is carried out by the Kahnawà:ke Combined Schools Committee (KCSC) as well as the administrative arm of KEC. The KEC is responsible for the operation and support of three schools in the Kahnawà:ke community and post-secondary administration.

Position Summary

The main purpose of the Math and Science Consultant role is to support and consult all schools of the Kahnawà:ke school system in the development, implementation and evaluation of the Math and Science Curriculum. In collaboration with members of KEC and the schools, the Math and Science Curriculum Consultant ensures a cohesive Mathematics and Science program from Kindergarten to Grade 11, aligned with the standards set by the KEC Tsi Niionkwariho:ten Education Program.

Key Responsibilities

Responsibility 1: Curriculum Development (%)

- To facilitate the development of curriculum guides for the goals, scope and sequence, (vertical planning) from one grade level to the next, along with the appropriate and culturally relevant instructional strategies and resources.
- To seek out new teaching materials (textbooks, resource materials, etc.) and to provide recommendations based on specific guidelines.
- Collaborates with the Curriculum team to embed the Tsi Niionkwariho:ten Education Program into the teaching strategies and assessment of Mathematics and Science.

Responsibility 2: Curriculum Implementation (%)

- To facilitate the implementation and monitoring of the updated Mathematics and Science curriculum ensuring that the Essential Learning Outcomes are achieved and to identify gaps in instruction.
- To implement the use of PDEC and other resources across grade levels.
- To promote the integration of Mathematics and Science into other subject areas through project-based or inquiry-based learning (e.g. STEAM and studies in sustainable environments)

Responsibility 3: Curriculum Evaluation (%)

- To facilitate the development, administration, evaluation and analysis of Mathematics and Science assessment tools and to provide an analysis of student performance data for moving learning forward.

Responsibility 4: Teacher Support and Development (%)

- To aid teachers in lesson planning by recommending resources and strategies, as well as by modelling instructional strategies (including the use of technology) within classrooms.
- To plan and to provide professional development for learning (PDL) opportunities (to include technology-assisted learning) for teachers and support staff working with students.



- To assist teachers in determining or diagnosing specific skill strengths and challenges of students and to facilitate the design of appropriate teaching resources for those students.
- To facilitate the exchange of ideas between teachers at different grades and across schools.
- To maintain and share expertise in best practices of instruction and assessment of student learning in mathematics and science.
- To support the development of new learning spaces (i.e. MakerSpace, Learning Commons, etc.)

Skill & Competency Requirements

Core Competencies:

The necessary core competencies for this position include:

- Strong leadership, teambuilding and organizational skills.
- Strong interpersonal communication skills.
- Ability to demonstrate sound judgment when providing services to students and teachers.

Technical Competencies:

Required technical competencies for this position include:

- Expertise in curriculum development, backward design and vertical planning of curriculum is an asset.
- Expertise in the use and interpretation of assessment tools (Learning Evaluation Situations, etc.) used to evaluate students in Mathematics and Science.

Education, Knowledge & Experience

- Master's Degree in the Teaching of Mathematics or Science (M.Ed) or Curriculum Development with 5 years of experience in teaching Math and/or Science at the elementary or secondary level or a Bachelor's Degree in Education in a relevant field of specialization with 8 years of experience teaching in Mathematics or Science at the elementary and/or secondary level.
- Knowledge of the Kahnawà:ke Education System and/or experience in working with First Nations educational systems is an asset.
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