



Secondary School Faculty Job Description

Position: Middle School Math Teacher

Reports to: Secondary School Principal

Primary Role: The Middle School math teacher is responsible for the math instruction, and implementation of Open Up curriculum resources in the area of mathematics and extended classroom activities associated with mathematics in grades 6-8.

Qualifications:

- A bachelor's degree in mathematics or a related field; a master's degree (preferred)
- Experience teaching children, particularly in an independent, private, boarding, college preparatory, or like-kind school setting.
- Strong references that convey your teaching abilities, connection with students, and mastery of math
- A belief that there is a Mathematician within each of us; that Math is a social activity, and that learning Math is an ongoing process of knowledge construction.
- Commitment to developing mathematical confidence, recognizing that students must have not only competent computational skills but also a solid understanding of mathematical principles so they can determine what steps are needed to solve complex, multi-step, nonroutine problems;

Performance Responsibilities

- To display a wide variety of teaching strategies that meet individual student needs and abilities:
 - Effectively meets the learning needs of all students.
 - Skillfully uses verbal and non-verbal communication.
 - Previews and communicates learning objectives to students in a clear, logical, and sequential manner



- To display evidence of superior preparation for classroom instruction:
 - Establish mathematics goals to focus learning.
 - Implement tasks that promote reasoning and problem-solving. c. Use and connect mathematical representations.
 - Facilitate meaningful mathematical discourse.
 - Pose purposeful questions.
 - Build procedural fluency from conceptual understanding.
 - Support productive struggle in learning mathematics.
 - Elicit and use evidence of student thinking.
- To be committed to ongoing professional growth and seek opportunities to learn from others.
- To bring out the best in students by continually monitoring their work and providing feedback.
- To set high expectation standards that are appropriate for each student's ability level.
- To recognize the need for appropriate classroom humor.
- To display the ability to create and maintain enthusiasm for the love of learning.; to demonstrate a sincere love for students and seek to celebrate their accomplishments.
- To provide leadership in curriculum and instructional development:
 - Serves as a role model, takes advantage of opportunities to learn from others, and keeps abreast of developments related to teaching.
 - Promotes good working relationships with others through active leadership and sharing of ideas, materials, and experiences.
- To work cooperatively with colleagues to connect learning across subject disciplines.
- To demonstrate accurate and up-to-date knowledge of curriculum and subject matter.
- To be self-motivated and assume responsibility willingly.