

## Middle School Math Teacher

### Job Description-Reference code 010018

**Category:** Teaching & Learning - Teacher

**Department:** Teaching & Learning Department

#### **General Qualifications:**

- Bachelor's degree in Mathematics, Education, or related field (Master's degree preferred).
- Teaching Diploma or licensure for middle school education with a specialization in Mathematics is preferred.
- Strong knowledge of middle school math curriculum, instructional strategies, and assessment techniques. (3 years' experience and above)
- Effective communication, interpersonal, and organizational skills.
- Passion for mathematics education and fostering critical thinking and problem-solving skills in students.

**Reporting:** Math Coordinator for School

**Job Goal:** As the Middle School Math Teacher for grades 7, 8, and 9, the primary responsibility is to provide quality instruction in mathematics, fostering a positive and engaging learning environment. The role involves facilitating the development of mathematical skills, critical thinking, and problem-solving abilities in students. Below are the essential functions and responsibilities:

#### **Essential Functions and Responsibilities**

Curriculum Implementation:

- Develop and deliver comprehensive lesson plans aligned with the middle school math curriculum.
- Teach a variety of math topics including but not limited to algebra, geometry, statistics, and number theory.
- Incorporate real-life examples and applications to make mathematical concepts relevant and accessible to students.

Classroom Management:

- Establish and maintain a positive, inclusive, and stimulating classroom environment conducive to learning mathematics.
- Manage classroom behavior effectively, encouraging active participation, collaboration, and critical thinking.

Instruction and Assessment:

- Employ diverse teaching methodologies to accommodate various learning styles and abilities.
- Assess students' understanding through regular quizzes, tests, projects, and class participation.

- Provide constructive feedback to students to enhance their mathematical skills and problem-solving abilities.

#### Differentiated Instruction:

- Tailor instruction to meet the diverse needs of students, including those with varying levels of mathematical proficiency.
- Provide additional support or challenges for students based on their individual learning needs.

#### Technology Integration:

- Utilize technology tools and resources to enhance math instruction and engage students in interactive learning experiences.
- Integrate educational apps, software, or online platforms to reinforce mathematical concepts.

#### Student Support:

- Offer additional support and guidance to students needing help in understanding specific mathematical concepts.
- Collaborate with colleagues, parents, and support staff to address individual student needs and concerns.

#### Professional Development:

- Engage in continuous professional development activities to stay updated on advancements in math education and teaching methodologies.
- Participate in workshops, seminars, and conferences related to middle school math education.

#### Parental Communication:

- Communicate regularly with parents or guardians to discuss student progress, academic achievements, and areas for improvement.
- Conduct parent-teacher conferences to provide detailed insights into each student's mathematical development.

**Term of Employment:** One - Year Contract renewable yearly by written notice and mutual agreement.

#### Evaluation Method

The Middle School Math teacher shall teach the Math Curriculum assigned for its section to the students. The Teaching & Learning Director will drive the evaluation process according to the defined procedure. The KPIs for measuring the effectiveness of the Middle School Math teacher's contribution to the overall function of the school include: *Student Academic Performance (Test Scores and Assessments: Measure student achievement in math through exams, quizzes, projects, or assessments, comparing results against established benchmarks or previous performance. Problem-Solving Skills: Assess students' ability to apply mathematical concepts to solve problems and analyze real-world scenarios). Classroom Engagement and Participation (Active Participation: Evaluate student engagement, participation, and interest in math classes, discussions, group activities, or problem-solving exercises. Collaboration: Assess students' ability*

to collaborate and work effectively in group math projects or activities). *Teaching Effectiveness (Lesson Planning and Delivery: Assess the quality and effectiveness of lesson plans, teaching methods, and materials used by the teacher to convey mathematical concepts. Student Progress Tracking: Monitor individual student progress and adapt teaching strategies to cater to different learning styles). Differentiated Instruction (Adaptability: Measure the teacher's ability to differentiate instruction to meet the diverse needs of students, providing additional support or challenges based on individual learning needs. Inclusive Practices: Evaluate the implementation of inclusive practices to ensure that all students can access and engage with the curriculum). Technology Integration (Use of Technology: Assess the integration of technology tools and resources to enhance math instruction and engage students in interactive learning experiences. Digital Literacy: Evaluate students' proficiency in using technology for math-related activities and assessments). Student Support (Providing Feedback: Measure the teacher's effectiveness in providing constructive feedback to students to enhance their understanding of mathematical concepts. Support to Students: Evaluate the teacher's availability and responsiveness in offering guidance and support to students requiring extra help in math studies). Professional Development and Collaboration (Continued Education: Monitor the teacher's engagement in professional development activities, workshops, or courses related to math education. Collaboration with Colleagues: Assess the teacher's collaboration with other educators to improve math teaching methods and curriculum development). Parental Communication (Communication with Parents/Guardians: Evaluate the teacher's communication with parents or guardians regarding student progress, challenges, and achievements in math studies. Parental Engagement: Monitor parent-teacher conferences, communication frequency, and feedback from parents regarding the teacher's involvement in their child's math education).*

### **Selection and Appointment Process**

Interested candidates should submit a resume, a portfolio of similar work done, and a cover letter explaining their qualifications and interest in the position. Application instructions and contact information should be included. This Job Description provides an overview of the responsibilities and qualifications for a Middle School Math Teacher. The specific requirements and expectations may vary depending on the school's needs, and the scope of its teaching and learning efforts.