

Middle School Biology Teacher

Job Description

Category: Teaching & Learning - Teacher

Department: Teaching & Learning Department

General Qualifications:

- Bachelor's degree in Biology, Biological Sciences, Education, or related field (Master's degree preferred).
- Teaching certification or licensure for middle school education with a specialization in Biology is preferred.
- Strong knowledge of middle school biology curriculum, instructional strategies, and assessment techniques.
- Effective communication, interpersonal, and organizational skills.
- Passion for biology education and fostering scientific curiosity in students.

Reporting: Biology Coordinator for School

Job Goal: As the Middle School Biology Teacher for grades 7, 8, and 9, the primary responsibility is to provide comprehensive and engaging instruction in biology, fostering scientific curiosity and a solid foundation in life sciences. The role involves creating a dynamic learning environment, conducting hands-on experiments, and nurturing an understanding of biological concepts.. Below are the essential functions and responsibilities:

Essential Functions and Responsibilities

- Curriculum Implementation:
 - Develop and deliver well-structured lesson plans aligned with the middle school biology curriculum.
 - Teach a range of biology topics, including cell biology, ecology, genetics, human anatomy, and physiology.
 - Incorporate hands-on experiments, demonstrations, and multimedia resources to enhance learning.
- Classroom Management:
 - Establish and maintain a positive, safe, and inclusive classroom environment conducive to learning biological sciences.
 - Encourage active participation, critical thinking, and scientific inquiry among students.
- Instruction and Assessment:
 - Employ a variety of teaching methodologies to address diverse learning styles and abilities.
 - Assess students' understanding through quizzes, exams, projects, presentations, and laboratory activities.
 - Provide constructive feedback to enhance students' grasp of biological concepts and scientific methods.
- Laboratory Management:

- Plan and conduct laboratory experiments, ensuring safety protocols and proper use of scientific equipment.
- Guide students in the collection, analysis, and interpretation of biological data.
- Integration of Technology:
 - Incorporate technology tools and resources to enhance biology instruction and engage students in interactive learning experiences.
 - Foster digital literacy skills by integrating relevant software and online resources.
- Student Support:
 - Offer additional support and guidance to students requiring assistance in understanding biological 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 biology education and teaching methodologies.
 - Participate in workshops, seminars, and conferences related to middle school science 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 scientific development.

Evaluation Method

The Middle School Biology teacher shall teach the Biology 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 Biology teacher's contribution to the overall function of the school include: *Student Academic Performance (Standardized test scores, scientific inquiry); Student Engagement and Participation (Active participation, Inquisitiveness); Teaching Effectiveness (lesson plan delivery, Student Progress Tracking); Laboratory Management & Safety (Adherence to Safety Protocols. Experimental Design); Integration of Technology (Use of Technology, Digital literacy), Student Support (Providing Feedback, Support to students), Class Management (Behaviour & Discipline), Professional Development & Contributions (Continued Education, Contribute to School), Parent & Stakeholder Communication (Communication with Parents, Collaboration with Colleagues)*

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 Biology Teacher. The specific requirements and expectations may vary depending on the school's needs, and the scope of its teaching and learning efforts.