

## **Middle School Science Facilitator (Biology and Chemistry)**

The Middle School Science Facilitator is responsible for creating an engaging and dynamic learning environment that fosters curiosity, critical thinking, and a love for science among middle school students. This role involves developing and implementing a comprehensive science curriculum, conducting hands-on experiments, and inspiring students to explore and understand the wonders of the natural world.

### **He/She should:**

- Design and develop a challenging and inquiry-based science curriculum that aligns with educational standards and encourages student exploration.
- Integrate real-world applications and cross-disciplinary connections into lesson plans.
- Deliver interactive and student-centered science lessons, utilizing a variety of teaching methods to accommodate diverse learning styles.
- Conduct demonstrations and experiments to illustrate scientific principles.
- Facilitate hands-on experiments and investigations that allow students to apply scientific concepts and develop problem-solving skills.
- Provide timely and constructive feedback to support student learning and improvement.
- Incorporate technology into science lessons to enhance learning experiences.

### **Qualifications:**

- Bachelor's or Master's degree in Science Education, Biology, Chemistry, Physics, or a related field.
- A graduate subject specialist with a **teaching certification**.
- Previous experience teaching science at the middle school level is preferred.
- Strong knowledge of middle school science curriculum, including life sciences, physical sciences, and earth sciences.

**Qualities:**

Dedication to the job, the ARIS core values, subject-specific expertise, student centred teaching approaches, the ability to apply differentiation in the classroom, effective classroom management as well as good relations with students, staff and parents are the qualities sought.

She or He should teach students in a way that will enable them to gain a commitment to, skills in, and a thorough knowledge of Science.