SIAS INTERNATIONAL SCHOOL

CARING 懂得关爱 | PRINCIPLED 坚持原则 | RISK-TAKERS 勇于尝试 | BALANCED 全面发展

Phone (0371) 88908999 | 19137129398 Web: www.siasinternationalschool.com
Intersection of Chaoyang Road and 4th Longteng St., Zhengdong New District, Henan Province, China 450000

MYP Science & DP Chemistry Teacher
Job Description

Department: Instruction
Term of Employment: 2 Years
Band: Teacher
Reporting Accountability: Secondary School Principal

Position Overview

We are seeking a passionate, knowledgeable, and experienced MYP Science & DP Chemistry Teacher to join our international school community. The teacher will teach Science in the Middle Years Programme (MYP) and Chemistry in the Diploma Programme (DP), supporting students in developing scientific knowledge, inquiry skills, critical thinking, and an understanding of the relevance of science in real-world contexts.

Major Duties and Responsibilities

1. **Teaching and Curriculum Development**
   - Plan, develop, and deliver engaging, inquiry-based Science lessons in the MYP and Chemistry lessons in the DP, aligned with IB curriculum requirements and school expectations.
   - Develop learning experiences that promote scientific inquiry, conceptual understanding, experimentation, and the application of scientific knowledge.
2. **Assessment and Student Progress**
   - Design and implement formative and summative assessments aligned with MYP science standards and assessment criteria and DP Chemistry assessment objectives and curriculum requirements.
   - Track student progress, offer timely, actionable feedback, use assessment data to guide instruction, and foster student achievement and growth.
   - Prepare DP students for internal and external assessments through structured practice scientific investigations, data analysis, experimental skills, and guidance in completing the Internal Assessment (IA) in accordance with the IB requirements.
3. **Student Development and Learning Support**
   - Provide differentiated guidance and support to help students overcome learning challenges, develop independence, and take ownership of their learning.
   - Foster students' confidence, resilience, and responsibility by creating a positive, inclusive learning environment aligned with the IB Learner Profile and Sias IS Core Values.
   - Support multilingual learners (MLLs) through intentional language scaffolding, differentiated instruction, and opportunities to develop academic English while valuing and leveraging students' home languages.

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4. **Collaboration and Professional Responsibilities**
   - Collaborate with colleagues to develop curriculum plans, share effective teaching practices, and support interdisciplinary learning where appropriate.
   - Participate in departmental meetings, professional development, reporting, parent communication, and other school activities as required.
   - Contribute to a positive, inclusive, and academically challenging learning environment consistent with the school's mission and values.
   - Communicate effectively with students, parents, colleagues, and school leadership.
5. **Subject-Specific Responsibilities**
   - Plan and supervise practical investigations for MYP Science and DP Chemistry, ensuring laboratory activities comply with school safety procedures.
   - Support MYP Science students in developing scientific inquiry skills through hands-on investigations, observation, experimentation, and the interpretation of scientific evidence.
   - Guide DP Chemistry students in designing, conducting, analyzing, and evaluating their Chemistry Internal Assessment (IA) investigations.
   - Support students' participation in science- or chemistry-related competitions and academic enrichment activities, where appropriate.
6. **Other Duties:**
   - Adhere to Child Protection Policy, Code of Conduct and other school policies
   - Undertake other reasonable duties as assigned by the school.

Qualifications & Requirements

- A bachelor's degree or higher in Chemistry, Science, or a related discipline.
- A recognized teaching qualification, such as a teaching license or PGCE.
- Experience teaching secondary Science and Chemistry; IB DP Chemistry teaching experience is required.
- Completion of relevant IB workshops or professional development is preferred.
- Ability to design inquiry-based learning experiences, assess student learning effectively, and guide laboratory practice.
- Strong subject knowledge, effective classroom management, efficient laboratory management and the ability to teach students across different grade levels and developmental stages.
- Commitment to safeguarding, student well-being, and the school's educational values.

Sias IS is committed to protecting all children and young people from harm. Upholding and aligning with Sias IS's core values and mission statement are non-negotiable.