



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 Math & MYP Science 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 Math & MYP Science Teacher to join our international school community. The teacher will teach Mathematics and Science in the Middle Years Programme (MYP), supporting students in developing conceptual understanding, mathematical reasoning, scientific inquiry, critical thinking, and the ability to apply their knowledge to real-world contexts.

Major Duties and Responsibilities

1. Teaching and Curriculum Development

- Plan, develop, and deliver engaging, inquiry-based Mathematics and Science lessons aligned with IB MYP curriculum requirements and school expectations.
- Develop curriculum plans and learning activities that promote conceptual understanding, mathematical reasoning, scientific inquiry, and connections to real-world contexts and Global Contexts.
- Incorporate Approaches to Learning (ATL) skills and interdisciplinary connections where appropriate, and differentiate instruction to meet diverse learning needs.

2. Assessment and Student Progress

- Design and implement formative and summative assessments aligned with MYP subject-specific assessment criteria.
- Monitor student progress, provide constructive feedback, and use assessment information to inform teaching and support student improvement.
- Help students develop effective learning strategies and apply feedback to improve their mathematical and scientific understanding.

3. Student Development and Learning Support

- Develop students' mathematical reasoning, problem-solving, data interpretation, scientific inquiry, and evidence-based thinking skills.
- 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.



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

4. Collaboration and Professional Responsibilities

- Collaborate with colleagues to plan and review curriculum, share effective teaching practices, and support interdisciplinary learning where appropriate.
- Participate in departmental meetings, professional development, student reporting, parent communication, and other school activities as required.
- Contribute to curriculum development and continuous improvement of teaching and learning in line with IB MYP principles and school priorities.
- Communicate effectively with students, parents, colleagues, and school leadership.

5. Subject-Specific Responsibilities

- For Mathematics, develop students' understanding of mathematical concepts, logical reasoning, problem-solving, and the application of mathematics to authentic situations.
- For Science, plan and supervise practical investigations that develop scientific inquiry, experimental design, data collection and analysis, and scientific communication, while ensuring adherence to laboratory safety procedures.
- Support students' participation in science- or mathematics-related competitions and academic enrichment activities, where appropriate.

6. Other Duties:

- Adhere to the Child Protection Policy, Code of Conduct, and other school policies
- Perform other reasonable duties not explicitly outlined in this document as assigned by the school.

Qualifications & Requirements

- A relevant bachelor's degree or above in Mathematics, Science, or a related discipline.
- A recognized teaching qualification, such as a teaching license or PGCE.
- Experience teaching middle or secondary Mathematics and Science; IB MYP teaching experience is highly desirable.
- Completion of relevant IB workshops or professional development is preferred.
- Strong understanding of inquiry-based learning, concept-based curriculum planning, MYP assessment, and differentiated instruction.
- Strong subject knowledge, effective classroom management, communication, collaboration, and student-support skills.
- 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.