

Secondary Mathematics / Science Teacher

Job Title: Secondary Mathematics / Science Teacher

Department: Academics

Reports to: Head of Studies

Location: IDEAS International School Penang

Job Description

We are seeking a passionate and dedicated Secondary Mathematics / Science Teacher to join our growing school community. The successful candidate will teach Mathematics and Science across lower and upper secondary year levels.

We are looking for a teacher who can make STEM subjects engaging, accessible and intellectually stimulating, helping students develop strong numeracy, analytical thinking and problem-solving skills. The ideal candidate will be able to explain concepts clearly, design lessons that encourage curiosity and inquiry, and create a classroom environment where students feel confident to explore ideas, ask questions and persevere through challenges.

At IDEAS, teachers are encouraged to adopt student-centred approaches to learning, using discussion, investigation and real-world applications to deepen understanding and build students' confidence in STEM subjects. The ability to support learning in ICT or Coding would be an advantage as the school continues to strengthen students' digital literacy and technological proficiency, preparing them for learning and work in the 21st Century.

Key Responsibilities

Teaching and Learning

- Plan and deliver engaging lessons in Mathematics and Science aligned with school curriculum expectations.
- Develop lessons that build strong problem-solving and critical thinking skills.
- Use a range of strategies including inquiry-based learning, practical investigation and collaborative learning.
- Differentiate instruction to meet the needs of students with varying abilities.
- Assess, record and report on student learning progress.
- Maintain a positive and focused classroom learning environment.

Student Support and Pastoral Care

- Serve as a form tutor and support students' academic and personal development.
- Foster positive relationships with students and promote a culture of respect and responsibility.
- Support students facing academic or personal challenges.

School Community

- Participate in school activities such as events, extra-curricular programmes and trips.
- Supervise students during breaks and school activities.
- Work collaboratively with colleagues to support the school's mission and values.

Parent Partnership

- Communicate regularly with parents regarding student progress.
- Provide updates on student successes and challenges in a timely manner.
- Support strong partnerships between the school and families.

Professional Development

- Participate actively in professional development sessions.
 - Collaborate with colleagues to improve teaching practices.
 - Reflect on teaching practice and engage in the school's teacher evaluation process.
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Job Competencies

- Strong numeracy and scientific communication skills
 - Ability to explain complex concepts clearly
 - Strong planning and organizational skills
 - Flexibility and adaptability in teaching different year levels
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Qualifications

- Bachelor's degree in Mathematics, Science, Education or related field
 - Teaching qualification or certification
 - Experience teaching secondary mathematics or science
 - Experience with teaching ICT or Coding is an advantage
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Key Attributes

- Passion for teaching and student development
- Enthusiasm for inspiring curiosity and inquiry
- Strong collaboration and interpersonal skills
- Commitment to professional growth and continuous improvement