JIS Jakarta Intercultural School

JOB OPENING

POSITION:	Middle School Design Technology Teacher
REPORTS TO:	Middle School Principal
CONTRACT TERM:	2 School Years (2027-2029)
CONTRACT START DATE:	1 July 2027
JOB OPENING:	19 October 2026

External: We reserve the right to end the recruitment process once a suitable candidate is found.

POSITION OVERVIEW

At Jakarta Intercultural School (JIS), Middle School Design Technology encourages students to explore creativity, innovation, and problem-solving through hands-on, project-based learning. Students engage in the design process, developing ideas and transforming them into practical solutions through prototyping, fabrication, and the use of traditional and digital technologies.

The **Middle School Design Technology Teacher** creates engaging, developmentally appropriate learning experiences that combine design thinking, technical skills, and real-world applications. Through instruction in woodworking, digital fabrication, design software, and other technologies, the DT teacher guides students in the safe and effective use of tools and equipment while fostering creativity, critical thinking, and independent problem-solving. Working collaboratively with colleagues, the DT teacher contributes to interdisciplinary learning opportunities and the continued development of the Design Technology program.

QUALIFICATIONS, EXPERIENCES and ATTRIBUTES

1. Minimum Bachelor's degree in Design Technology, Technology Education, Industrial Design, Engineering, or a related field. Master's degree preferred.
2. Valid teaching credential in a related field.
3. At least five years of teaching experience in Design Technology or related subjects.
4. Demonstrated proficiency with a range of design and fabrication tools, including woodworking, power tools, and digital fabrication equipment.
5. Experience with design software to support digital prototyping and project development.
6. Familiarity with introductory robotics platforms (e.g., LEGO, VEX, Arduino-based systems) is preferred.
7. Demonstrated ability to design and deliver hands-on, project-based learning that fosters creativity, critical thinking, and collaboration.
8. Knowledge of sustainable design practices and the ability to integrate environmental responsibility into student projects is an advantage.
9. Skilled in employing contemporary educational models and instructional strategies to enhance curriculum delivery and student learning outcomes
10. Prior experience in an international school setting is preferred.
11. Committed to a student-centered approach and differentiated instruction.
12. Active participation in a Professional Learning Community, collaborating in course design, lesson delivery, and assessment.
13. Openness to new ideas and diverse perspectives
14. Willingness to engage in student advisory and pastoral programs.
15. Experience in leading extracurricular activities such as drama, sports, clubs, or music is advantageous.
16. Strong commitment to child safeguarding, service learning, and environmental stewardship.

DUTIES AND RESPONSIBILITIES

Curriculum Delivery and Instructional Excellence

- Deliver the Design Technology curriculum effectively, utilizing diverse teaching strategies to accommodate varying learning styles and needs.
- Demonstrate expertise in Design Technology, ensuring that instruction is aligned with the latest educational standards and practices.
- Organize and conduct hands-on design and build sessions that adhere to high academic and safety standards, enhancing experiential learning and fostering problem-solving skills.
- Demonstrate proficiency in woodworking, power tools, and digital fabrication, and ensure the safe instruction and supervision of their use by middle school students.
- Guide students in the use of a variety of design tools, including CAD software, prototyping equipment, and robotics platforms, to support creative and technical project development.
- Encourage innovation, critical thinking, and collaboration through design challenges, prototyping, robotics applications, and real-world problem-solving tasks.
- Through intentional teaching methods and curriculum integration, actively develop the JIS Learning Dispositions—resilience, resourcefulness, relating, and reflecting—within students.

Collaborative Curriculum Development

- Collaborate with the Head of Department to plan and develop curriculum, maintaining a positive, professional school climate.
- Continue to enhance pedagogy and contribute to curriculum development, ensuring the effective delivery of the curriculum.
- Collaborate with colleagues to align design technology projects with interdisciplinary learning and school-wide initiatives.

Professional Development and Evaluation

- Participate actively in professional development, accepting and acting on professional feedback.
- Engage with the JIS Growth and Appraisal process to continuously refine teaching practices and align with educational standards.

Assessment and Student Support

- Utilize formative and summative assessments to guide the next learning steps, providing effective feedback to shape student learning experiences.
- Collaborate with the Student Support Team, implementing Individual Learning Plans (ILPs) and supporting students' diverse needs.

Community and Student Engagement

- Foster a school culture of respect, identity, and pride among students, parents, and colleagues.
- Build positive interpersonal relationships, actively engage in Child Safeguarding Practices and promote positive interactions among our diverse student body.
- Empower students to take responsibility for their learning and actions, encouraging self-directed learning and personal growth.
- Lead extracurricular activities that enhance student collaboration, performance, teaming, talent, and leadership.
- Organize and actively participate in school trips, including multi-day and overnight excursions, to enrich students' educational experiences.

Collaboration and Communication

- Collaborate with department teams, schoolwide teams, and the Student Support Team to enhance educational outcomes.
- Communicate effectively with all members of the JIS community, ensuring clear and open communication channels.

Adaptability and Support

- Adapt to both asynchronous and synchronous online teaching formats when necessary.
- Identify and seek support from peers and administration when needed, and provide peer support to maintain a collaborative work environment.

Professional Dispositions and Responsibilities

- Embrace and promote the JIS Learning Dispositions: Resilience, Resourcefulness, Relating, and Reflecting.
- Perform other related duties and assume other responsibilities as assigned by the Middle School Principal.

TO APPLY

Interested candidates should apply directly by email to teachingapplication@jisedu.or.id.

Please submit the following materials as separate PDF attachments in one email:

- Cover letter expressing interest in the position
- Current resume, clearly indicating all academic qualifications and professional teaching certifications, including the issuing authority, subject area(s), and grade level(s) covered by each certification.
- List of three to five professional references, including each reference's name, position, relationship to you, phone number, and email address. *References will not be contacted without the candidate's permission.*

Safe Recruitment Statement

At Jakarta Intercultural School (JIS), we are committed to ensuring the safety and well-being of all our students. As part of this commitment, we have implemented rigorous recruitment policies and procedures designed to safeguard our students and uphold the highest standards of child protection.

Our recruitment process includes:

- Thorough verification of the identity and qualifications of all candidates.
- Obtaining and corroborating professional and character references.
- Performing comprehensive background checks in all countries of residence and the candidate's country of origin.
- Conducting a multi-stage interview process, including scenario-based questions to evaluate how candidates handle situations related to student safety and well-being.

Child Safeguarding Policy

JIS has a robust Child Safeguarding policy that seeks to protect our students, their families, and the entire JIS community. This policy ensures that all students have the right to protection and access to confidential support systems. As part of this policy, all community members with access to students must undergo annual child safeguarding training to stay informed and vigilant in protecting our students.

By maintaining these stringent recruitment practices, JIS ensures that our educational environment remains safe, nurturing, and conducive to the well-being and development of every student.