TASHKENT INTERNATIONAL SCHOOL

MYP and DP Science Teacher–Including DP Environmental Systems and Societies

Summary
The primary role of the teacher is to inspire and empower growth in our students through an understanding and implementation of the TIS Purpose. They create a safe, positive, caring, and inclusive environment for all members of our community. All Secondary teachers will join a grade level team as a homeroom teacher and will contribute regularly to cocurricular activities. All learning at TIS is guided by our Learning Principles.

Working collaboratively with members of the Science Department, the MYP/DP Science Teacher is a knowledgeable and engaging specialist committed to developing students as curious, scientifically literate, and critical thinkers who can investigate and make sense of the natural world. The teacher designs rich, challenging learning experiences that develop students' understanding of fundamental scientific concepts and principles across the biological, chemical, physical, and Earth and environmental sciences, while cultivating the disciplinary practices of scientific inquiry, experimentation, data analysis, evidence-based reasoning, and scientific communication. Working with colleagues, the teacher contributes to a coherent, standards-informed curriculum that ensures the progressive development of scientific knowledge, understanding, and skills throughout Grades 6–10 and prepares students for advanced scientific study. Ultimately, the role is to empower students to think and act as scientists, critically evaluate scientific claims, and apply their understanding to complex questions about the natural world and the relationship between science, society, and the environment.

TIS Learning Principles

- **Challenge:** We set ambitious goals, act on feedback and build resilience.
  "We do hard things."
- **Explore:** We follow our curiosity, empowered by voice and choice.
  "We take different paths."
- **Connect:** We work with our communities and transfer learning within and beyond the classroom.
  "We learn together."

Essential Duties and Responsibilities

- Plans and delivers a rigorous, engaging, and standards-informed MYP Science curriculum, collaborating with colleagues to ensure the coherent development of disciplinary knowledge, conceptual understanding, and scientific practices across Grades 6-10.
- Designs authentic scientific investigations and learning experiences, including laboratory experimentation, outdoor learning, and fieldwork (where possible, making purposeful use of the natural environment and community resources of Tashkent and Uzbekistan).
- Teaches IB Diploma Programme Environmental Systems and Societies (ESS), integrating scientific and interdisciplinary approaches to the study of environmental systems, sustainability, and the complex interactions between human societies and the natural world.
- Make successful student learning the central consideration in all aspects of decision making.
- Models the attributes of the IB Learner Profile.
- Collaborates and supports colleagues in planning, teaching, and assessing student learning and outcomes.
- Plans effective lessons using relevant curriculum documents, planners, scope and sequence, and required curriculum documentation and reporting tools.
- Records and provides accurate information on progress to students and parents.
- Communicates with parents about concerns of students' overall performance.
- Identifies the essential outcomes for each grade and provides appropriate assessment strategies.
- Facilitates a whole school development of student knowledge and skills PS-12.
- Creates a safe, stimulating and inviting learning environment to promote student-centered, inquiry based learning.
- Differentiates to facilitate learning for all students.
- Creates opportunities for students to assume increasing responsibility for the organization and presentation of their learning.
- Demonstrates concern for the safety and supervision of all students and assumes responsibility when necessary.
- Models innovation in practice with and without technology.

- Contribute to and participate in our co-curricular program.
- Engages in the TIS Teacher Professional Growth and Development process and participates in professional development offerings.
- Adheres to the TIS Policies and Practices.
- Other duties as assigned.

Minimum Qualification

- A university degree in Education or the field taught (preferably a Master's degree).
- A minimum of two years teaching experience.
- Fluency in English.
- Recent professional development in the area of best practices in teaching and learning.

Desirable Experience

- Demonstrated experience in the collaborative development and vertical alignment of a standards-based secondary science curriculum.
- Experience teaching integrated science across multiple scientific disciplines in Grades 6-10.
- Experience teaching IBDP Environmental Systems and Societies (ESS), or a strong background in environmental science and interdisciplinary environmental studies.
- Experience designing authentic scientific investigations, fieldwork, and place-based learning experiences.