



## IB MYP&DP Design Teacher Job Description

**Department:** Instructional Department

**Term of Employment:** 2 years

**Band:** Teacher

**Reporting Accountability:** Secondary Principal

### Scope of Responsibility:

The Combined MYP/DP Design Teacher is responsible for delivering a dynamic, vertically aligned design curriculum spanning the IB Middle Years Program (MYP) and Diploma Program (DP). This role engages students in design thinking, innovation, and practical problem-solving, guiding them from foundational skills through to advanced application of the design cycle. The teacher will foster a positive, creative classroom environment, support student development, and collaborate with colleagues to enhance the educational experience across both programs.

### Major Duties and Responsibilities:

#### 1. Instructional Delivery:

- Teach IB MYP/DP Design, focusing on the design process, problem-solving, and practical application.
- Guide students through all stages of the design cycle: investigation, planning, development, and evaluation.
- Utilize a variety of teaching strategies to meet diverse learning needs and styles across both age groups.
- Foster creativity and innovation, encouraging students to generate and test ideas, build prototypes, and develop solutions to real-world problems.
- Provide hands-on instruction using design tools, technologies, and software (e.g., CAD, 3D printing, etc.) relevant to the design field.

#### 2. Curriculum Development:

- Plan, develop, and implement lessons that align with the IB curriculum and Approaches to Teaching and Learning (ATL) principles.
- Incorporate interdisciplinary learning opportunities, connecting design with other subjects such as science, technology, and the arts.
- Continuously refine the curriculum to keep up with technological advancements and design innovations.

#### 3. Assessment and Feedback:

- Design and administer formative and summative assessments aligned with **MYP criteria** and **DP internal/external assessment requirements** (including project documentation and presentations).
- Provide timely, constructive feedback to students to support their growth, improvement in process and outcomes, and readiness for IB assessments.
- Monitor student progress and adjust teaching methods accordingly.
- Ensure full alignment with IB criteria, standards, and rubrics for both programs.



#### 4. Professional Development:

- Engage in ongoing professional development, including attending IB workshops and conferences and staying current with design trends and pedagogical advancements.
- Share innovative practices and contribute to the professional learning community within the school.

#### 5. Student Support and Mentorship:

- Create a supportive classroom environment that fosters creativity, collaboration, and critical thinking.
- Provide guidance on individual student projects or group projects, helping students refine their ideas and develop their problem-solving abilities.
- Act as a mentor for Extended Essays (EE) or other IBDP projects as required.

#### 6. Collaboration and Community Engagement:

- Collaborate with the program coordinators and other faculty members to ensure interdisciplinary connections and alignment with the school curriculum.
- Communicate regularly with students, parents, and guardians about progress, upcoming projects, and opportunities for further learning.
- Engage in extracurricular activities related to design (e.g., design clubs, competitions, or exhibitions).

#### 7. Other Duties:

- Perform other campus duties not explicitly outlined in this document, such as assisting with school ceremonies, as assigned by the Principal or Head of School.

#### Qualifications Required:

- Bachelor's degree in Design, Industrial Design, Technology, Engineering, or related fields (master's degree preferred).
- Teaching certification and qualification to teach at the secondary level.
- **Experience teaching in the IB Diploma Program and familiarity with IB Design curriculum and standards.**
- Proficiency in relevant design tools and technologies, including CAD, 3D printing, and digital design software.
- Strong communication and instructional skills, with the ability to inspire students' creative and critical thinking.
- Preferred Qualifications:
  - IB Design Category 1 or 2 training.
  - Experience teaching in an international or multicultural school setting.
  - Knowledge of sustainable design practices and trends in design technology.

***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.***