



## **AIS STEM and STEAM Graduation Endorsement**

All AIS students in grades 9-12 are encouraged to consider working towards a STEM or STEAM diploma endorsement.

### **Why STEM and STEAM?**

STE(A)M professionals drive innovation worldwide, and AIS strives to graduate students interested in and prepared for college and careers in STEM and STEAM-related fields. By completing a rigorous and well-rounded IB education plus an STE(A)M diploma endorsement, our students will be uniquely placed "to meet the challenges and opportunities of our interdependent, fast-changing world."

### **What are the goals?**

To recognize students who have chosen an STE(A)M-rich path through IB in high school. To provide a standout experience for students applying to colleges and universities, and for scholarships, internships, and jobs. To give students a real-world internship experience.

### **How do you earn a STEM endorsement?**

**Complete any 3 of these 6 criteria:**

1. Take Science at Higher Level (HL) in DP
2. Take a second Science as a subject in DP
3. Take DP Math at Higher Level or obtain a 5 at Standard Level on semester 1 report
4. Complete Grade 10 Personal Project with STEM (or STEAM) focus
5. Complete DP Extended Essay in a STEM (or STEAM) topic
6. Take part in 3+ years of STEM co-curricular (Robotics, Science Olympiad, Math team, etc)  
-OR- Take part in at least one recognized academic summer program (two weeks or longer) that enhances student learning in a STEM-related field

**Also complete all of these:**

- A. Take part in one STE(A)M fair or recognized competition during high school
- B. Complete a 2-week summer internship in a STEM-related profession
- C. Obtain a minimum of 600 SAT Math -OR- 25 ACT Math

### **How can you earn a STEAM endorsement?**

In addition to completing the requirements for a STEM endorsement: Take Art, Music or Theatre at HL (or obtain a 5 on semester 1 report) -OR- Complete an Arts-related STEM internship -OR- Take part in *at least 3 years* of an Arts co-curricular program.

**YES!** You can still get the bilingual diploma and earn a STEM or STEAM endorsement.

**YES!** You can still take an Arts course in DP and earn a STEM or STEAM endorsement.

**Other questions?** Email Mrs. Flores at [pflores@aischool.org](mailto:pflores@aischool.org).