ZAHRAT AL-SAHRA'A INTERNATIONAL SCHOOL
STEAM COURSES REGISTRATION FORM (ROUND 2)
2023-2024

Dear Parents,

As we continue to work hard in preparing our students for the future, we are thrilled to announce our upcoming STEAM courses, designed to inspire and engage your children in the exciting worlds of science, technology, engineering, art, and mathematics.
Our STEAM courses are carefully crafted to provide your child with hands-on learning experiences, designed to ignite their curiosity, enhance their critical thinking skills, and foster their creativity. We offer a range of courses suitable for children of all ages, from primary school to high school.

Our courses cover a range of topics, including robotics, architecture, and 3D printing. We employ trained instructors, who are passionate about teaching and inspiring the next generation of innovators and problem-solvers. Our facilities are well-equipped with state-of-the-art technology and materials, ensuring that your child has access to the best possible learning experience.

The courses offered are:

Seats Available	**Course**	**Grade Levels**	**Description**
7 Boys 7 Girls	Engineering 1	Grades 4 to 7	This course introduces students to the world of construction as well as useful day-to-day topics through fun hands-on experiences. Students will design and build the house of their dreams with their own hands by following actual engineering practices and the construction processes. Engineering 1 is not a prerequisite to Engineering 2. https://www.youtube.com/watch?v=R_xGFij821Y
9 Boys 9 Girls	Engineering 2	Grades 7 to 10	
14	Robotics: Lego Spike Essential	Grades 4 to 6	This course gets students excited about hands-on STEAM learning. This playful, narrative-based learning experience is part of the LEGO Learning System and encourages students to investigate STEAM concepts while contributing to literacy, math, and social-emotional development. https://www.youtube.com/watch?v=hdxC12yJ2Us
12	Robotics: Sphero Bolt	Grades 7 to 9	Sphero BOLT - the ultimate coding robotic ball - is perfect for cross-curricular learning. With access to the Sphero Edu App, students can learn how to code in an engaging and interactive way. https://www.youtube.com/watch?v=ZluyTRFn3OY

22	3D Printing	Grades 9 to 12	This course teaches students the basics of design using computer software as well as the elements and uses of 3D printers. Students will get the chance to design and print their own item by the end of the course. https://www.youtube.com/watch?v=GxLjDNrQBgs
12	Robotics: Drones	Grades 11 and 12	In this course, Students can start by using the remote control features of the app and then easily transition to learn programming languages. Students will be prepared for exciting future careers and watch learning take flight. https://www.youtube.com/watch?v=FVYxxHn8R-k

- Each course is divided into four sessions; each session is two hours long for 1,000 SR.
- The Engineering 2 course will be five sessions; each session is two hours long for 1,250 SR.
- **Students who completed the Engineering 1 course, even if they are grades 4 to 7 students, can enroll in the Engineering 2 course.**
- Courses will be given on Thursdays from 2:15 PM to 4:15 PM.
- Starting date for all courses will be Thursday, May 11.
- Classes are mixed and will be given by our trained teachers.

To register your son/daughter for a course, please fill out the information below with the fee attached in an envelope. Students should not hand over the form to anyone; selected teachers or supervisors will pass by and collect them. Spaces are very limited, so we encourage you to register as soon as possible - **deadline to register is Tuesday, May 9, 2023.**

Student Name: _____

Grade and Section: _____

Course Chosen:

○ Engineering 1	○ Engineering 2	○ Robotics: Lego Essentials
○ Robotics: Sphero Bolt	○ 3D Printing	○ Robotics: Drones

Parents' Signature