



Dear Parents,

We are excited to extend an invitation to all young innovators, problem solvers, and aspiring engineers to join the FIRST LEGO League (FLL) at Apple International Community School. FLL is an exciting robotics program that offers a unique learning experience combining fun, teamwork, and STEM (Science, Technology, Engineering, and Mathematics) education.

We are excited to provide our students with an enriching educational experience that extends beyond the classroom. We aim to inspire a lifelong love for learning, creativity, and discovery. We look forward to welcoming all enthusiastic participants and helping them unleash their full potential in the inspiring world of FIRST LEGO League."

2023 - 2024 season's theme is

MASTER PIECE!

What's this season about?

The season will challenge teams to imagine and innovate new ways to create and communicate art across the globe. The season will focus on the following areas:

Art and Design: Explore the role of art and design in our world and how it can be used to solve problems and communicate ideas.

STEM: Learn about the science, technology, engineering, and math (STEM) concepts that are used in art and design.

Global Collaboration: Work with teams from around the world to share your ideas and learn from each other.

About FIRST LEGO LEAGUE (FLL): FLL introduces science, technology, engineering, and maths (STEM) to children ages 6-16 years. Through fun, exciting hands-on learning, they gain experience solving real-world problems through guided robotics programs. This helps today's students and teachers build a better future together.



EXPLORE

(For 6-9 years)

- **Explore:** Learn about different places where people share their talents, the roles of different people in putting on a show, and how to brainstorm ideas for your own show.
- **Create and Test:** Build a stage where different types of performances can take place, code and motorize your team model, and add lights and sounds to make it stand out.
- **Share:** Record your ideas and designs in your Engineering Notebook, share your builds and what you learned with others, and participate in the festival.



CHALLENGE

(For 9-16 years)

- Use FIRST Core Values and engineering design process to develop robot and Innovation Project solutions.
- Identify problem, design solution, and code robot.
- Test, iterate, and improve robot and solution.
- Communicate and demonstrate robot and solution.

Be part of this year's FLL and get a chance to represent your school at the national level robotics competition!

Registration fee:

Category	Registration Fee
FLL EXPLORE (6-9)	AED 250/-
FLL CHALLENGE (9-16)	AED 250/-

For more details or queries please contact us at:

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Kind regards

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Principal