

1<sup>st</sup> November 2023

Dear School Director

*FIRST®* LEGO® League Thailand 2023/24 delighted to invite your teams to join the league. *FIRST®* inspires young people to be science and technology leaders and innovators by engaging them in exciting mentor-based programs that build science, engineering, and technology skills, that inspire innovation, and that foster well-rounded life capabilities including self-confidence, communication, and leadership. Every year, *FIRST®* LEGO® League releases a new Challenge based on a real-world, scientific theme. The theme for this year is the MASTERPIECE<sup>SM</sup>. In is The MASTERPIECE<sup>SM</sup> teams will re-imagine our global transportation system and explore ways of improving how we access and deliver needed and desired goods, making all communities more connected. *FIRST®* LEGO® League Thailand's two divisions inspire youth to experiment and grow their critical thinking, coding and design skills through hands-on STEM learning and robotics.

***FIRST®* LEGO® League Explore - Grades 2-4:**

In Explore, teams of students ages 6-10; focus on the fundamentals of engineering as they explore real-world problems, learn to design and code and create unique solutions made with LEGO bricks and powered by LEGO Education robot. *FIRST®* LEGO® League Explore Thailand 2023/24 will be held on 10<sup>th</sup> – 11<sup>th</sup> February 2024 at IT Museum, National Science Museum Thailand.

***FIRST®* LEGO® League Challenge - Grades 4-8:**

Friendly competition is at the heart of Challenge, as teams of student's ages 9-16; engage in research, problem-solving, coding and engineering – building and programming a LEGO robot that navigates the missions of a robot game. As part of Challenge, teams also participate in a research project to identify and solve a relevant real-world problem. *FIRST®* LEGO® League Explore Thailand 2023/24 will be held on 10<sup>th</sup> – 11<sup>th</sup> February 2024 at Rama9 Museum, National Science Museum Thailand.

*FIRST®* LEGO® League Thailand delighted to invite your teams to join the league. Online registration is now opened till 21<sup>st</sup> January 2024 for both FLL Explore and FLL Challenge. For more information, please visit [www.gammaco.com/fll](http://www.gammaco.com/fll)

Your attendance will be highly appreciated.

Yours Sincerely,



Nualwon Cha-Ume

*FIRST®* LEGO® League Thailand