

February 18, 2020
Mitsui Chemicals, Inc.

Mitsui Chemicals Cosponsors **the Japanese Championship of FIRST LEGO League 2019-2020**

Mitsui Chemicals, Inc. (Tokyo: 4183; President & CEO: Tsutomu Tannowa) today announced that it cosponsored, and held a booth exhibition at, the February 16 Japanese championship of FIRST LEGO League 2019–2020 (FLL 2019–2020),*¹ the world's largest robotics competition.

This marks the third time for the event to be cosponsored by Mitsui Chemicals, which supports FLL's idea of providing children with an opportunity to experience the excitement of solving issues in the real world while applying STEM concepts and active learning.

In line with the FLL 2019–2020 theme of City Shaper, Mitsui Chemicals ran a booth exhibiting Toughness coat™, a polyurea resin produced and sold by Mitsui Chemicals Industrial Products Ltd. that helps to extend the life of concrete structures such as tunnels. The booth also served to showcase a power assist suit produced and sold by Power Assist International Corp. that uses Mitsui Chemicals components to achieve lightweighting.

In addition, Mitsui Chemicals ran activities as part of its Laboratory Classes on the Wonders of Chemistry*² program. This included pouring colored water of different densities into test tubes to create colorful layers – an experiment that served as a lesson on the specific gravity of liquids and attracted many children to the booth.

By teaching these children about the existence of resins that can improve the lifespan of structures, as well as the fact that liquids with the same volume can have different weights depending on their density, Mitsui Chemicals hopes that the day will have served to pique their interest in science further.



Children enjoying a Mitsui Chemicals experiment



Robotics competition

Mitsui Chemicals will actively promote business development for a wide range of robot materials. Mitsui Chemicals will also continue to engage in various activities to realize its hope for raising the interest of young people and children in the next generation in science and helping them become human resources that will support science and technology in the future.

*1 FIRST LEGO League <http://www.firstlegoleague.org/about-fll>

*2 Laboratory Classes on the Wonders of Chemistry
https://jp.mitsuichemicals.com/en/sustainability/society/contribution/laboratory_class.htm