

# Igniting a lifelong passion for STEM with LEGO® Education at UTC Portsmouth



UTC Portsmouth offers an outstanding academic and technical learning environment for young people aged 14-19 years old.

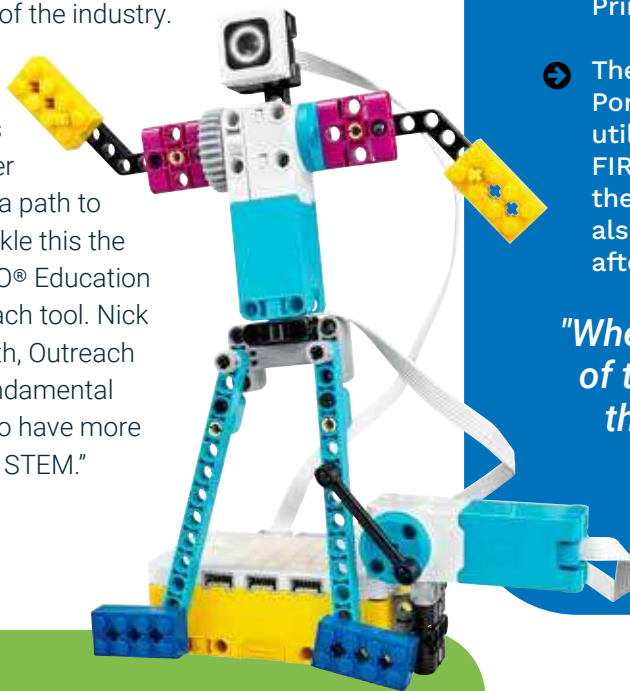
Alongside the national curriculum, UTC Portsmouth specialises in mechanical and electrical engineering and advanced manufacturing, offering engineering study programmes as well as A levels and GCSEs.

Outreach forms an important part of their STEM offer in the Solent region. The outreach team at UTC Portsmouth were looking for an accessible and engaging method of delivering their programme across schools.

## Why is it important?

The number of students taking up STEM subjects at school, sticking with them through university and then moving into the relevant sectors is not growing at a rate that meets the needs of the industry.

The challenge faced by UTC Portsmouth is to increase the number of students choosing a path to a STEM career. To tackle this the college turned to LEGO® Education as an engaging outreach tool. Nick Geary UTC Portsmouth, Outreach Officer added, "the fundamental reason we started is to have more students interested in STEM."



## The three drivers to adopt LEGO® Education

- ➔ The familiarity and name recognition that comes with a solution based on LEGO® bricks. "That age group of 10 to 12 makes the interaction with LEGO super important because that's something that they're familiar with and excited by from a very young age."
- ➔ The age range flexibility of the LEGO Learning System. UTC Portsmouth was looking for a solution that is flexible that can target different age groups. "The range of lesson plans, like 'SPIKE™ Essential 'Taxi Taxi' are an accessible way to learn computer skills, as well as using Prime to demonstrate forces and gears."
- ➔ The existing FIRST® LEGO® League across Portsmouth. Many schools in the region utilise LEGO Education products for the FIRST LEGO League, which takes place at the UTC Portsmouth campus. The college also supports local schools with their after school LEGO clubs.

*"When you put a box of Lego in front of them. You've won the battle with the student. It's a lot of fun to do."*

Nick Geary, Outreach Officer  
UTC Portsmouth

Learn more about how LEGO Education can bring STEM learning to life at: [getech.co.uk/LEGO](https://getech.co.uk/LEGO)

