



"The lesson was really cool and interactive. My pupils got to problem-solve, build and use their hands – the kids who can't read were fine, too – and it incorporates technology, which is very motivating."

3rd Grade Teacher
Rockaway Borough,
New Jersey, USA

PRIMARY SCHOOL

LEGO® Education SPIKE™ Essential



Ignite primary school students' passion for STEAM learning through playful problem-solving, preparing them to be resilient, independent thinkers.

Part of the LEGO® Learning System, SPIKE™ Essential engages students in hands-on investigation of STEAM concepts while contributing to literacy, maths and social-emotional development. Curriculum-aligned learning units use everyday themes, relatable minifigures with different personalities and familiar LEGO building elements to solve problems through storytelling. Develop coding capabilities through icon block to Scratch based word block programming. Flexible built-in progression and professional development opportunities make it easy for teachers to get started and move from one unit to the next.



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www.mooreed.com.au
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Authorised partner of LEGO Education for 25 years

PRIMARY SCHOOL

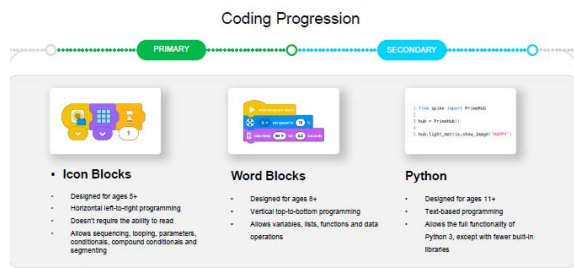
LEGO® Education SPIKE™ Essential

Classroom Set (45345)

- 449 LEGO® bricks (including replacement pack)
- LEGO Education SPIKE™ App (student-facing app including all learning activities)

Support for Teachers

- Comprehensive lesson plans featuring 50 hours of instructional content
- Onboarding and introductory material
- Classroom implementation support
- Assessment tool



Curriculum-aligned STEAM lessons covering:

- Computational thinking
- Design engineering
- Oral communication
- Energy, energy transfer and collision
- Social-emotional development

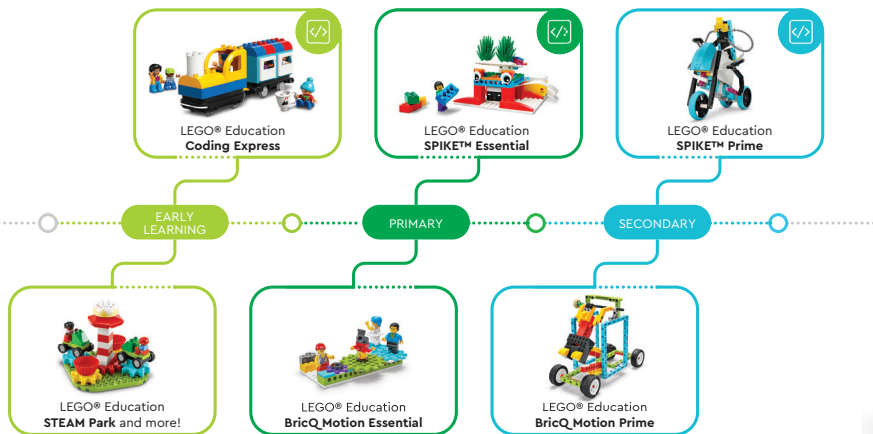


Explore with Competitions

SPIKE Essential's *Explore* unit allows teams of students to practise teamwork and collaboration in the *FIRST® LEGO® League Explore* Division, where they'll be introduced to STEM, coding and robotics design as they complete fun real-world challenges.

Learn more at: firstlegoleague.org

About LEGO® Education Learning System



LEGO® Education offers a range of playful, hands-on STEAM learning experiences based on the LEGO system of bricks – that meet students wherever they are in their learning journey, regardless of their ability. From the Early Learning portfolio to the LEGO Learning System, our solutions create an environment where active, collaborative learners future-proof their skills and spark a lifelong love of learning, whether it's in-person, virtual or a mix of both.



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