



"The lesson was really cool and interactive. My students 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, math, and social-emotional development. Standards-aligned learning units use everyday themes, relatable Minifigures with different personalities and familiar LEGO® building elements to solve problems through storytelling.

Flexible built-in scaffolding and competency-based professional development opportunities make it easy for teachers to get started and move from one unit to the next.

Learn more about SPIKE Essential at: LEGOeducation.com/SPIKEessential



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 tools
- Hybrid learning resources
- Self-guided professional development

Extend the Learning Experience

- Facilitated training with a LEGO Education Certified Trainer
- LEGO Education BricQ Motion Essential Personal Learning Kit for hybrid learning (2000471)
- LEGO Education BricQ Motion Essential Set (45401)



Standards-aligned STEAM lessons covering:

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

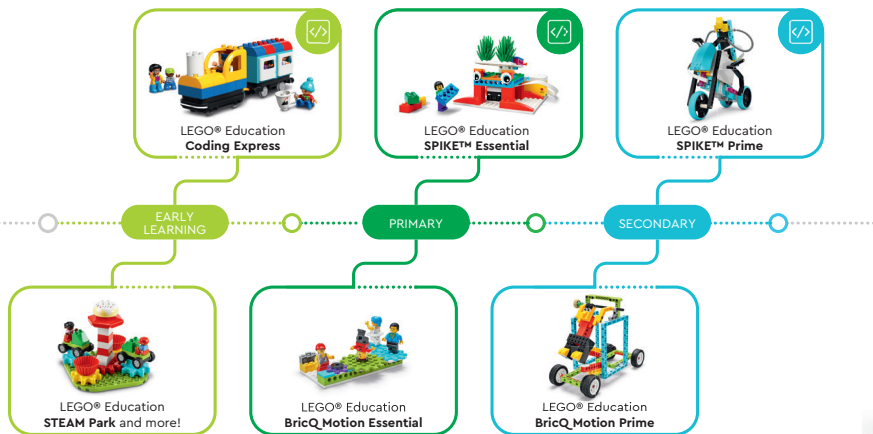


Explore with Competitions

SPIKE Essential's *Explore* unit allows teams of students to practice 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



LEGO® Education offers a range of playful, hands-on STEAM learning experiences based on the LEGO® system of bricks – that meets 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.

Read about our solutions at: LEGOeducation.com

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