

Class Room Materials/Criteria

SPIKE™ Essential:



- **Age Range:** 6 –9 years old
- **Coding Devise:** Chrome Book
- **Coding Language:** Icon-based Block Programming
- **No. of Pieces:** 449 pieces of bricks/elements
- **Available Lesson Plans:** Over 40 Lesson Plans

SPIKE™ Prime:



- **Age Range:** 10–12 years old
- **Coding Devise:** Chrome Book
- **Coding Language:** Test-based Block Programming or Python (Full-text programming)
- **No. of Pieces:** 528 pieces of bricks/elements
- **Available Lesson Plans:** Over 29 Lesson Plans

Our Classroom is Audio and Video recorded.

Classes are limited to eight(8) participants.

No food is provided or allowed in the classroom. Water bottles are allowed, but not at computer or robot stations.

Restrictions: SPIKE™ Classes are for children ages 6 through 12. Classes are divided into age groups of 6 to 9 and 10 to 12.

Please call Brick House Resellers at 845-901-2541 for more info!

Private classes can be arranged, please check with us for availability

Classes require full payment at the time of reservation.

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 @BRICKHOUSESELLERS

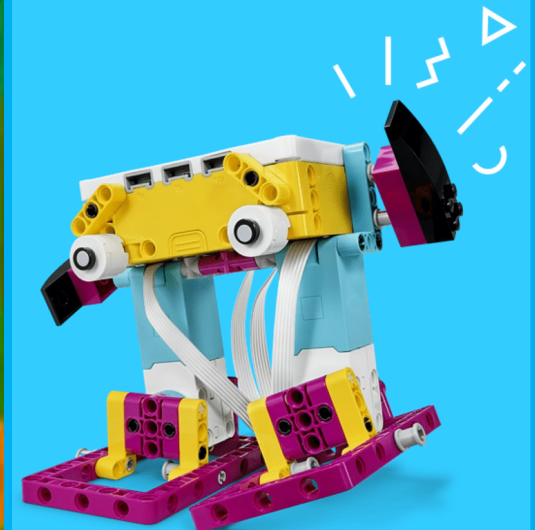
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LEGO

education
ROBOTICS & CODING

spike™



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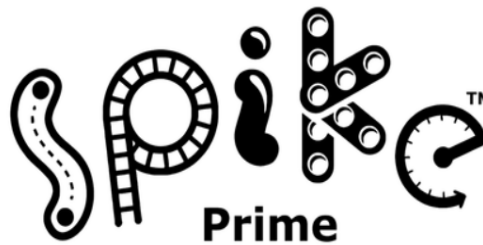
Brick House Resellers classes break down complex STEAM concepts into hands-on lessons for children ages 6-9 and 10-12.



Ages 6-9

LEGO® Education SPIKE™ Programs are for our younger brick enthusiasts. Essentials includes 5 units that focus on national standards for both lower and upper elementary grades. **Each unit is comprised of 7 to 8 45-minute STEAM lessons for elementary classrooms, plus language arts and math extensions for each lesson.**

This program is five consecutive days (Monday through Friday) for 90 minutes each day. Please see our staff for dates and program times.



Ages 10-12

Our LEGO® Education SPIKE™ Prime lesson plans are designed to help students develop the abstract and critical thinking skills they need to solve complex problems. The standards-aligned STEAM lessons provide a variety of learning experiences that relate directly back to students' real-life questions and observations, building their confidence and preparing them for life beyond school.

This program is offered as a five day program (Monday through Friday) for 90 Minutes each day.



Q: How our program works?

A: We have all the necessary supplies and equipment for a complete robotics workshop without any extra work on your end. We design, supply and teach it! Each member of our staff is fully trained and qualified to teach using our robots and curriculum.

LEGO® SPIKE™ education offers a well designed solution for students to develop coding, programming and steam skills. Student create with LEGO® education spike kits and program their creations through the SPIKE™ app, connecting seamlessly two devices via Bluetooth. As teachers integrate computer science into curricula, disengaging and high quality lesson connection provides a significant leap forward in education for students.

Q: What skills are develop through LEGO® Spike™?

A: LEGO® Education SPIKE™ Essential engages students in hands-on investigation of STEAM concepts using everyday themes. In addition to learning computer science and design engineering concepts, students will also develop their **literacy, math, and social-emotional skills** as they turn science concepts into reality.

Q: When are your classes offered?

A: Please contact our staff at Brick House Resellers for our next class schedule. You can also follow Brick House Resellers on social media to see our updated schedules as they become available.

