Build Confidence with STEAM Park

Help your young learners build confidence naturally and easily. Get them to explore, take risks and learn through purposeful play.

Introduce STEAM Park to your early learning students to see how their confidence can power learning and love for learning.

Let's get started with a quick lesson!

Choose the **Welcome to STEAM Park** lesson to expose students to early STEAM concepts with STEAM Park. In this lesson, groups of students will investigate various models to see what is possible in STEAM Park.

As you observe students, look for signs of confidence building.

Are your students:

- Trying new things?
- Experimenting?
- Spotting details about how things work?
- Talking about the choices they are making?
- Describing their steps in designing and building?

This lesson takes approximately 30 minutes.

Build a dynamic classroom environment to engage 21st-century learners in challenging competitions and other authentic, hands-on STEAM experiences. Motivate and support your students to learn through play, think critically and collaborate creatively with others.

Find more lesson plans for LEGO® Education products at **legoeducation.com/lessons**

Build Confidence with Coding Express

Help your young learners build confidence naturally and easily. Get them to explore, take risks and learn through purposeful play.

Introduce Coding Express to your early learning students to see how their confidence can power learning and love for learning.

Let's get started with a quick lesson!

Choose the First Trip lesson to expose students to early computational thinking concepts with Coding Express. This lesson allows groups of students to explore physical coding using action bricks to guide their train on a journey.

As you observe students, look for signs of confidence building.

Are your students:

- Trying new things?
- Experimenting?
- Talking about the choices they are making?
- Describing their steps in creating or programming?
- Telling a story about the adventure?

This lesson takes approximately 20-30 minutes.

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Build Confidence with LEGO® Education WeDo 2.0

Help your learners build confidence naturally and easily. Get them to explore, take risks and learn through purposeful play.

Introduce WeDo 2.0 to your elementary students to see how their confidence can power learning and love for learning.

Let's get started with a quick lesson!

Choose the Cooling Fan lesson to expose students to STEAM and computational thinking concepts with WeDo 2.0. In this lesson, pairs of students will work together to build and code a fan. Allow students to explore ideas of how to change the fan to better cool them off.

As you observe students, look for signs of confidence building.

Are your students:

- Making sound predictions?
- Exploring and sharing ideas in pairs or small groups?
- Experimenting and restarting when necessary?
- Making decisions from evidence?
- Describing steps in designing and building?
- Thinking computationally about how to solve problems?

This lesson takes approximately 30 minutes.

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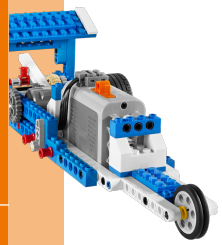
Build Confidence with Simple & Powered Machines

Help your young learners build confidence naturally and easily. Get them to explore, take risks and learn through purposeful play.

Introduce Simple & Powered Machines to your students to see how their confidence can power learning and love for learning.



Let's get started with a quick lesson!

Choose the Gear lesson to allow students to investigate their world with Simple & Powered Machines. This lesson allows pairs of students to create a simple working model to experiment with how gears work to drive machines.

As you observe students, look for signs of confidence building.

Are your students:

- Building knowledge through iteration?
- Collaborating with other students in small groups?
- Using failure as a learning vehicle?
- Applying their ideas to solve problems?
- Making and sharing accurate measurements?
- Supporting their solutions with findings and data?

This lesson takes approximately 45 minutes.

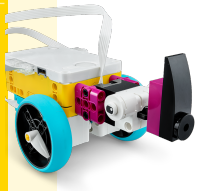
Build a dynamic classroom environment to engage 21st-century learners in challenging competitions and other authentic, hands-on STEAM experiences. Motivate and support your students to learn through play, think critically and collaborate creatively with others.

Find more lesson plans for LEGO® Education products at legoeducation.com/lessons

Build Confidence with LEGO® Education SPIKE™ Prime

Confidence in older students boosts their ability to observe, evaluate and design investigations to solve novel challenges.

Introduce SPIKE™ Prime to your middle school students to see how their confidence can power learning and love for learning.



Let's get started with a quick lesson!

Choose the Hopper lesson to challenge students to create and think with SPIKE Prime. This lesson will allow pairs of students to bring their creation to life through coding and iterating as they complete the challenge.

As you observe students, look for signs of confidence building.

Are your students:

- Posing meaningful, answerable scientific questions?
- Defining criteria and limitations of a problem?
- Using failure as a learning vehicle?
- Evaluating ideas and solutions with a systematic process?
- Using data and evidence to support their conclusions?

This lesson takes approximately 45 minutes.

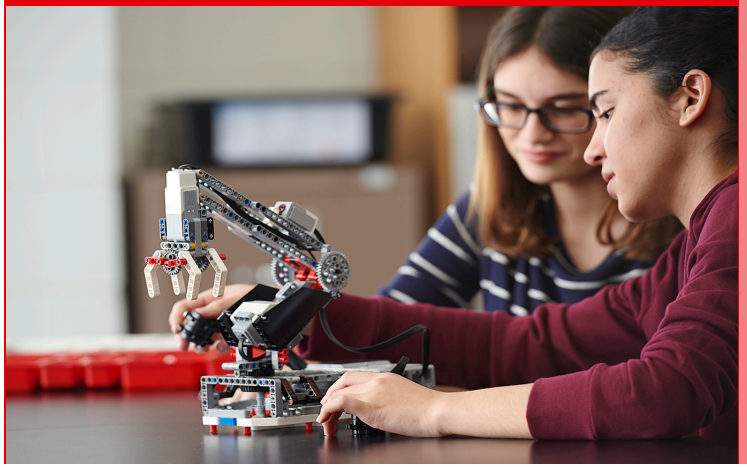
Build a dynamic classroom environment to engage 21st-century learners in challenging competitions and other authentic, hands-on STEAM experiences. Motivate and support your students to learn through play, think critically and collaborate creatively with others.

Find more lesson plans for LEGO® Education products at legoeducation.com/lessons

Build Confidence with LEGO® MINDSTORMS Education EV3

Help your older students build confidence naturally and easily. Get them to take risks, solve problems and apply their insights through hands-on learning.

Introduce EV3 to your older students to see how their confidence can power learning and love for learning.



Let's get started with a quick lesson!

Choose the **Use a Touch Sensor** lesson to expose students to problem-solving with MINDSTORMS EV3.

As you observe students, look for signs of confidence building.

Are your students:

- Collaborating with peers for feedback and ideas?
- Solving problems in a real-world context?
- Using failure as a way to learn?
- Using data and evidence to support solutions?
- Making sound productions?

This lesson takes approximately 45 minutes.

Build a dynamic classroom environment to engage 21st-century learners in challenging competitions and other authentic, hands-on STEAM experiences. Motivate and support your students to learn through play, think critically and collaborate creatively with others.

Find more lesson plans for LEGO® Education products at **legoeducation.com/lessons**