



Bringing the **joy**
back to **learning**





Spark joy in the classroom

Change. This is the one word that pretty much sums up the past few years for educators and students. In the face of this change, teachers search for fresh and imaginative ways to connect with students. LEGO® Education understands that many of the challenges faced by teachers before the pandemic are still very real. It's time to address the challenges teachers face with inspiring young learners in STEM subjects.

LEGO Education believes that the key opportunity is to integrate hands-on learning into the curriculum to engage students in a way that makes them active participants in the learning process. Seeing the positive outcomes of purposeful play drives LEGO Education to continually develop STEM solutions that ignite students' love for learning and transferable life skills like creativity, critical thinking and collaboration that are essential in the 21st-Century workforce.

Whether students are getting hands-on with LEGO bricks or debugging code, the LEGO Learning System has a wide range of curriculum-aligned lesson plans to support teachers whilst sparking joy in the classroom and turning students into lifelong learners.

Now is the opportunity to rethink learning.



The need to **re-engage students**

Disruptions over the past few years have caused many young learners to disengage from school. It's up to us to solve this and reignite their passion for learning, especially for STEM subjects. By bringing purposeful play into the classroom, we can capture students' attention and nurture their curiosity through fun, interactive lessons.

The enjoyment of learning is linked to early skill development.

Curious people are happier. Joyful learning creates an inclusive environment for all students to engage and contribute. The LEGO Learning System helps cultivate this positive experience for students and teachers, meeting them wherever they are in their learning journey and setting them up for success.

The brain is increasingly open to learning when learning is joyful.



What is the **LEGO® Learning System**?

The LEGO Learning System is a scalable framework that helps students develop their understanding of STEM subjects and gives educators the confidence to teach them. The System builds around the familiar LEGO brick, which is intuitive, inclusive and adaptable, meeting the needs of every student, regardless of their background or ability level.

The products and resources included in the LEGO Learning System are aligned with the National Curriculum to help students explore STEM concepts through playful problem-solving and storytelling. The LEGO Learning System also has a variety of professional development opportunities for educators, so they can learn how to use the System more effectively in their classrooms.

The LEGO Learning System is a powerful tool that can help students develop the skills they need to succeed in the 21st century. It is a fun and engaging way to learn about STEM that can help students develop their creativity, critical thinking and problem-solving skills.





A true STEM solution

Every lesson is designed to help pupils develop a full range of STEM skills, using familiar LEGO building elements and minifigures to help connect abstract concepts to real-life experiences.



A toolbox to unlock unlimited possibilities

Deliver unlimited STEM learning possibilities with an interconnected system of solutions that work seamlessly together, driving familiarity over time to unlock deeper learning across year levels.



Playful learning experiences

Engage pupils and teachers with solutions backed by over 40 years of creating joyful learning experiences based on learning-through-play principles.



A brand you know and love

LEGO is a familiar brand known for playful, hands-on learning experiences and high-quality products that support creativity and critical thinking year after year.



Build confidence with hands-on STEM learning in the classroom

Global survey results reveal that developing confidence in a subject with hands-on lessons is the first step to lifelong learning.



93% of parents believe hands-on learning builds students' confidence in STEM subjects





3 out of 4 teachers say that anxiety and a lack of confidence hinder learning



Fewer than 1/5 of students are “very confident” in learning STEM subjects



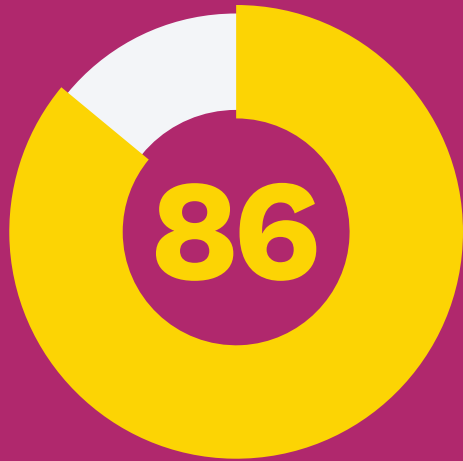
95% of educators believe the #1 way their students build confidence in STEM subjects is by working on hands-on projects with others

Cultivate competence **through play**

Learning through play powers joyful experiences, that promote physical, intellectual, emotional and creative abilities. These experiences can give them three critical skills they'll need to become lifelong learners:

COLLABORATION

Collaborative settings help students develop essential communication skills while giving them the confidence to connect with each other and their studies.



*86% of students
emphasised
that friends and
teachers brought
the most joy at
school*

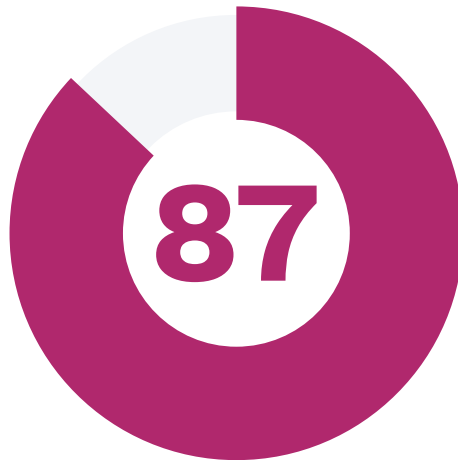
CURIOSITY

Curiosity is associated with positive emotions, lower anxiety levels and greater psychological well-being. Fun and positive environments encourage inquisitive learning and “aha” moments that foster rewarding experiences.



CREATIVITY

Happy environments keep students energetic about education, sparking creativity that helps them develop problem-solving skills and connecting their learning back to the real world.



87% of teachers agree that students learn the most when they can creatively express what they know

LEGO® Education SPIKE™

Premium, technology-enhanced STEM solutions

The LEGO Education SPIKE Portfolio encourages broad STEM learning and the application of computational thinking with a focus on coding, technology and digital integration.



LEGO® Education BricQ Motion

Non-tech solutions with a focus on physical science

LEGO Education BricQ Motion provides a foundational understanding of physical science concepts and an analogue introduction to computational thinking.

The **LEGO Education SPIKE Prime** set is the go-to product for secondary schools in need of engaging STEM lessons out of the box. Combining colourful LEGO elements, easy-to-use hardware and Scratch-based coding, SPIKE Prime keeps students engaged through playful, collaborative activities that get them thinking critically and solve increasingly complex problems designed to scale, no matter the learning level. From guided projects to unlimited creative possibilities involving coding with Python, SPIKE Prime helps students learn the necessary STEM skills to become the innovative minds of tomorrow.

An engaging introductory hands-on STEM solution encourages students to discover physical science in action. **LEGO Education BricQ Motion** inspires primary and secondary students in STEM learning as they experiment with forces, motion and interactions in the context of sports. BricQ Motion provides simple, hands-on learning experiences that spark those “aha” moments as students set LEGO bricks in motion without using technology.





A **holistic approach** to learning

Many educators tend to focus more on the upper areas of abilities in the list (physical, etc.), whereas educators in secondary learning will lean towards the lower abilities (cognitive, etc.). LEGO Education believes that all of these areas are relevant at all stages.

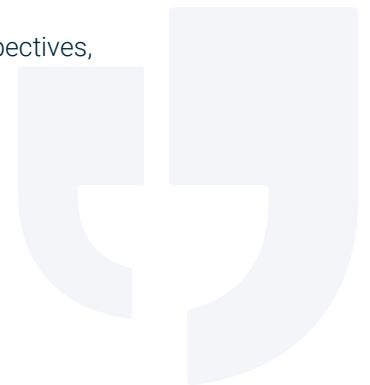
Cognitive skills: problem-solving, flexible thinking, building effective strategies, keeping the information in mind, following rules

Emotional skills: self-belief, confidence, self-control, reflection, perseverance, understanding, expressing and regulating emotions

Physical skills: balance, movement, spatial understanding

Creative skills: coming up with new ideas, imagining things, using representations, transforming existing ideas into new ideas, making associations, using symbols

Social skills: collaborating, communicating, understanding perspectives, negotiating rules, handling conflicts, building empathy



Build **your skills**

LEGO Education Professional Development is a personalised, competency-based teacher learning program that empowers educators to bring purposeful play into their STEM lesson plans. The programme is designed to help teachers learn, practice and master the competencies they need to deliver engaging, effective and inclusive STEM learning experiences that foster student success.

LEGO Education Professional Development offers a variety of learning options to meet the needs of individual teachers and schools, including:

Self-guided learning: This online, on-demand learning experience provides flexibility and targets individual needs and learning preferences.

Facilitated learning: A certified LEGO Education trainer leads these full-day training courses, providing an in-depth look at LEGO Education solutions and teaching methods.

Coaching: This personalised, highly responsive programme helps teachers continuously build on their STEM teaching practices to deliver engaging, hands-on STEM learning and foster student success.



No matter how you choose to learn, LEGO Education Professional Development can help you become a more effective STEM teacher and positively impact on the lives of your students.



Some benefits of participating in LEGO Education Professional Development:

- ✓ Learn how to use LEGO Education solutions to create engaging and effective STEM learning experiences
- ✓ Develop the STEM teaching competencies you need to deliver high-quality instruction
- ✓ Build your confidence and expertise as a STEM teacher
- ✓ Connect with other STEM educators and share ideas
- ✓ Get support from experienced LEGO Education trainers



Getech LEGO **Discovery Day**

Book a Getech LEGO Discovery Day to see how the LEGO Learning System can create a fun and inspiring learning environment in your classroom.

This hands-on trial enables educators to see the positive impact in the classroom and an understanding of the wide range of teaching products and resources included in the LEGO Education portfolio.

You can discover the real impact of bringing LEGO into the classroom. See first-hand why so many schools are investing in the LEGO Learning System as a tool to deliver impactful, hands-on STEM learning for all ages.

The Discovery Day will demonstrate the full range of LEGO Education products designed specifically for classroom use. It will illustrate how easy it is to introduce the LEGO Learning System into your curriculum and bring joy back into students' learning with purposeful play.

Discover how every lesson helps pupils develop 21st-century STEM skills, enhance creativity and improve communication and collaboration.

Let your students experience STEM concepts in exciting new ways, sparking their curiosity and building confidence throughout learning.



How it **works**

A LEGO Certified Trainer visits your school with LEGO products, including SPIKE Prime, SPIKE Essential and BricQ Motion. The trainer will demonstrate the LEGO Learning System with various classes and age groups in a carousel format, working through one of the LEGO Education lesson plans.

Getech will provide follow-up guidance on the best solution for your school based on what we learnt throughout the day. Participating in Discovery Days allows schools to receive the best pricing for LEGO Education products.

What are the **benefits and outcomes?**

- ✔ Learn how the LEGO Learning System creates an engaging and inspiring learning environment
- ✔ Get a first-hand look at the range of LEGO Education products available across age groups
- ✔ Learn how the System meets current education standards bringing maths, science and engineering to life
- ✔ See the cross-curriculum benefits and its role in STEM learning





Outsourced outreach

What's involved?

- ✓ Getech to deliver LEGO Education sessions on your behalf
- ✓ No need to purchase LEGO Education sets or devices
- ✓ Sessions chosen based on the needs of your school (time/topic/age/curriculum)

Outreach in a box

What's involved?

- ✓ Supply of LEGO Education Sets (typically 15 for a class set)
- ✓ Staff training delivered by a Certified LEGO Education trainer
- ✓ Review/feedback sessions for your staff



Getech **pre-delivery**

What's involved?

- ✓ Hub naming
- ✓ Hub charging
- ✓ Update Hub to the latest version
- ✓ Label box with Hub name

Getech consultancy

What's involved?

- ✓ Getech develop your institution's own lesson/game
- ✓ Link developed session to the national curriculum
- ✓ Design and printing of custom game mats
- ✓ Full training on how to deliver a session
- ✓ LEGO Education sets included



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