

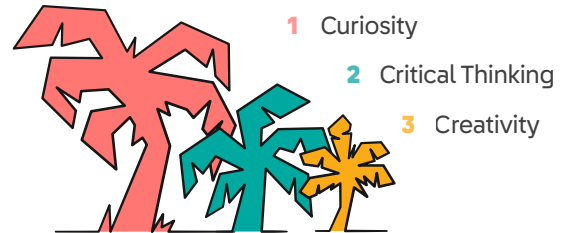
State of Classroom Engagement Report: Science Edition



Hands-on scientific exploration builds curiosity, unlocks new possibilities, and sparks innovative solutions for the most pressing challenges of our time. But are today's students across the globe engaging with science learning? Are they building the essential skills they need to step confidently into the future?

At LEGO® Education, we were determined to find out—surveying more than 6,000 global teachers, parents, students, and US administrators. These insights can support educators as they inspire their students to discover a love of science that will build a brighter tomorrow.

More than half of science teachers believe the most important value science education brings is its development of students':



Parents say student engagement in school leads to:



Science builds life skills and boosts student engagement and well-being.

To foster these skills, students must feel connected to the material. But just over half of global science teachers say their students are engaged in science, indicating a critical need to boost engagement in the subject.

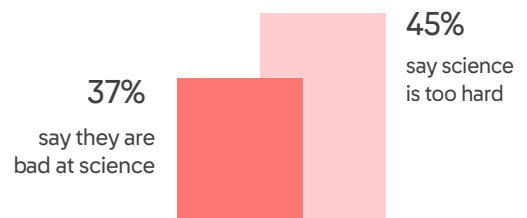
Interestingly, students are more engaged in science than they are in school overall. Only 1/3 of teachers worldwide indicate that their students are engaged in the classroom. That means we may have an opportunity to accelerate the momentum of students' interest in science to build schoolwide engagement, a key factor tied to student well-being.

Science is for everyone. They just don't know it yet.

Many students feel "science isn't for me" because they are intimidated by the material, leading to lack of confidence in the subject.

Teachers understand that the subject is challenging, too. **77%** of global science teachers believe students struggle because of complex concepts and curricula, and they're eager for impactful resources that support every student's success.

Among students who indicate science is their least favorite subject:



The Opportunity Ahead: Reaching Students Who Struggle to Connect with Science.

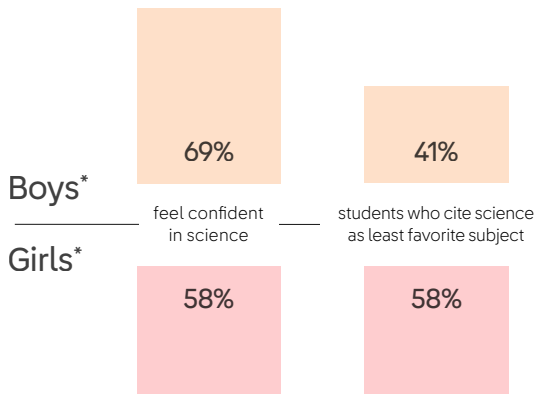
Science benefits everyone, but there are critical disparities in which groups connect to it more.

These disparities suggest the need for adaptable ways to approach science education that resonate with students and their life experiences—and we have the unique opportunity to deliver these solutions.

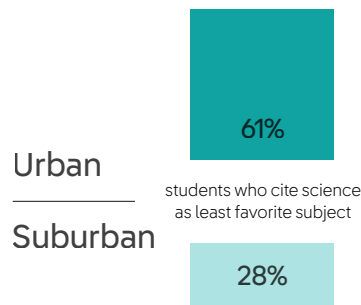
“If students think they’re not good at the subject or avoid it, we risk losing an entire generation of innovators and problem-solvers. We share your commitment as educators to excite and engage students with high-quality science education.”

Victor Saeijs, President of LEGO Education

Boys are more confident than girls in science.



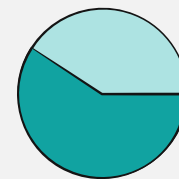
Suburban students enjoy science more than urban.



* Survey respondents indicated their own gender identity.

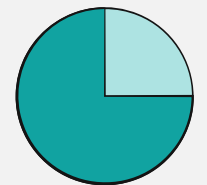
Hands-On Science: The Key to Building Engagement, Curiosity, and Confidence.

Science teachers and parents think science education should be hands-on and interactive above all else. And with good reason: hands-on learning not only deepens student engagement, skill development, and potential—it makes them two times more likely to say science is their favorite subject.



62% of science teachers say hands-on activities drive engagement in the subject.

75% of science teachers who incorporate hands-on experiences believe the methodology fosters higher test scores and grades.



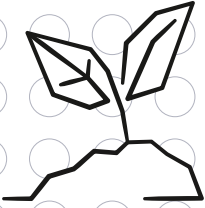
More students need access to hands-on learning, and teachers want to implement it. We have the opportunity to close both gaps.



Only 55% of students regularly get hands-on experiences, which often require extra time and resources for teachers to plan, implement, and replace consumables.



82% of science teachers say they need more ways to teach science via play and hands-on methods.



All Students Benefit from Hands-On Science Experiences.
 It's time to support educators with intuitive, reliable resources that empower them to engage more students through hands-on learning.

Having access to hands-on learning experiences is proven to make students feel more confident in learning science.



73% of science teachers believe LEGO® experiences will effectively help students learn science and motivate their love for learning.



LEGO Education Brings Hands-On Science to Classrooms Around the World.

Administrators and teachers believe hands-on experiences with LEGO Education will boost comprehension and engagement, inspiring an appreciation of science in their students now and in the future.

At LEGO Education, we believe all students deserve access to quality, hands-on learning that is engaging, joyful, and meaningful. That's why, for 45 years, we have helped transform learning. Now, we're introducing **LEGO® Education Science**—our new, standards-aligned science

solution that connects students to real-world concepts. Easy to implement and instantly engaging, it supports classroom objectives and learning outcomes. LEGO Education Science unlocks 'aha' moments for all students, empowers teachers with flexibility and support, and engages the whole classroom through hands-on, collaborative lessons.

It's time to bring LEGO Education Science into classrooms all over the world—to boost engagement, confidence, creativity, and curiosity. Let's create more opportunities for every student to succeed in science and beyond.

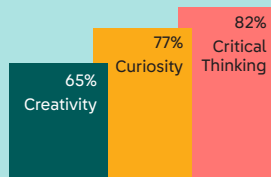
Visit LEGOeducation.com/science to learn more.



Increasing US Student Engagement in Science through Hands-On Learning

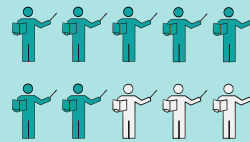
Teachers recognize the pivotal role science education plays in shaping their students' futures and important skills like creativity and curiosity. Scientific thinking is critical for any career, but especially in the US where the demand for science-related jobs is increasing exponentially*. Educators also know that students aren't as engaged in science as they could be. Now, we have data that not only supports this challenge, but confirms the power of hands-on learning in helping educators engage and inspire their students.

Science teachers believe that science education builds key life skills, including:



There is a big opportunity to increase science engagement and comprehension among students.

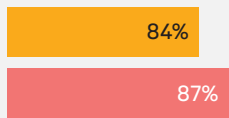
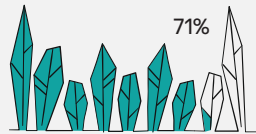
Less than half of administrators believe students are engaged in science.



Almost **7 in 10** science teachers say students have a surface-level understanding of the subject matter.

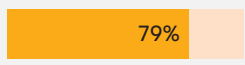
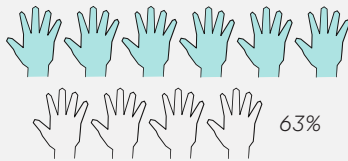
Hands-on experiences in science drive:

Learning outcomes: 71% of science teachers who incorporate hands-on, playful learning believe the methodology supports higher test scores and grades.



Engagement for all learners: 84% of US teachers and 87% of administrators think that hands-on experiences help all types of learners engage with science concepts.

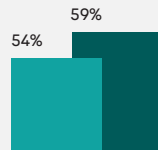
Love of science: 63% of students who love science credit their passion to regular hands-on experiences.



Confidence: 79% of students who have hands-on science experiences are confident in the subject.

Time-strapped administrators and science teachers need hands-on tools and resources to instantly engage students in learning.

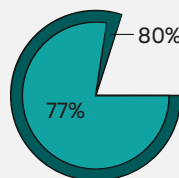
67% of science teachers do not feel very equipped at encouraging engagement.



59% percent of US administrators and 54% of science teachers say they need more tools to engage students in science.

Nearly a **third** of US students do not get hands-on science experiences.

1/3



80% of science teachers and 77% of administrators see LEGO® experiences as an effective teaching tool in science class.

At LEGO® Education, we believe all students deserve access to quality, hands-on learning that is engaging, joyful, and meaningful. That's why we're introducing **LEGO® Education Science**—our new, standards-aligned science solution that connects students to real-world concepts and engages the whole classroom.

Ready to bring LEGO Education Science to your school? Visit LEGOeducation.com/science to learn more and connect with us today.