Any curriculum can teach students science.

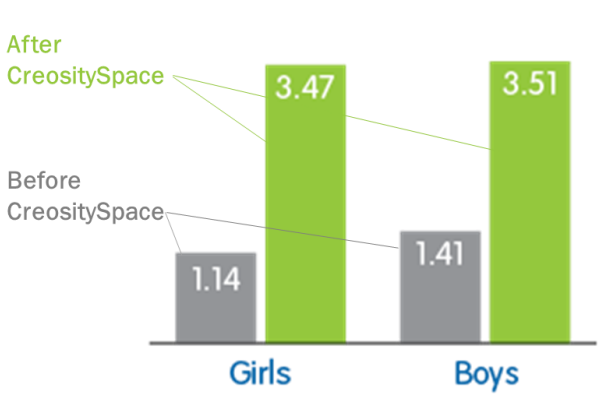
CreositySpace curriculum teaches students how to use science to change their world.

Make Every Classroom a CreositySpace

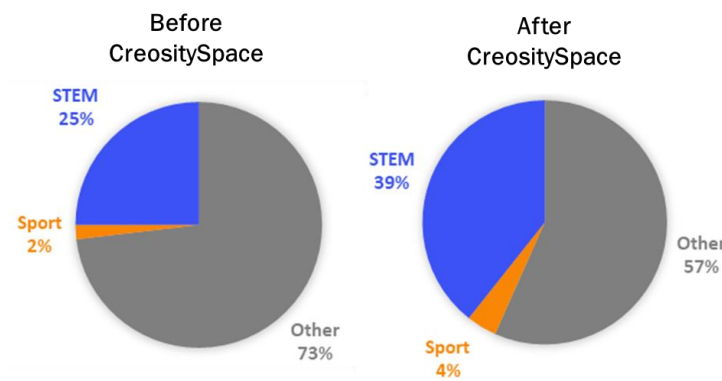
Find out how at **www.CreositySpace.com**

Creating Confidence and Capability

All students showed nearly a 3x increase in confidence* with STEM concepts after using CreositySpace



Girls showed nearly 2x increase in interest in STEM Careers* after using CreositySpace



What We Do

Help Students See Science as Part of Their Present and Their Future

Students learn better when what they are learning is put into a context that is relevant to them. This could be through the latest technology, career exploration, and even the real-world challenges facing their communities. With a focus on student-led, inquiry-based discovery, each unit is built around the stories and innovations of real-life STEM entrepreneurs from different backgrounds. **These stories help students connect what they are learning to THEIR lived experiences and THEIR possibilities for the future**.

Support a Positive Message—Science is for Everyone

The first message most students hear about science is "It's hard," or "You need to be an A-student in science to work in STEM." Additionally, elementary science often focuses on learning facts and developing skills, with little emphasis on providing relevant context and connections to the real world. That's not how science, or STEM, is done in the real-world. Discoveries and developments need the benefit of different perspectives, and technology companies hire both science-inclined as well as science-curious employees. **Young students need to learn that science is for everyone—Creosity Space can help.**

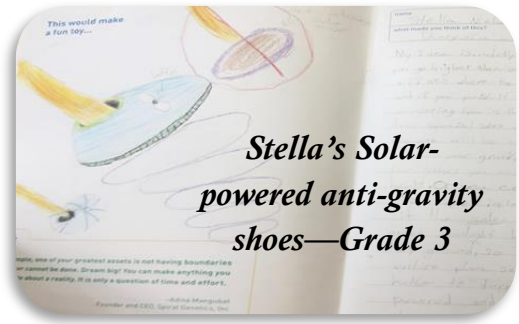
Reach Students Now—Before They Self-Select Out

Elementary school is a time when a huge part of student's identity is formed. Students are deciding who they are, and, unfortunately, who they aren't. Our strong cross-curricular connections, and emphasis on collaboration and discussion, create a place for students from all backgrounds and interests to explore and connect to science in a personal way that makes it current, real and relevant at this critical time.

CreositySpace helps teachers and administrators make meaningful change in their students' self-confidence and career aspirations around science. Let us do the same for you.

Book of Ideas

Creating an Environment of Creativity, Communication, and Collaboration



Students' ideas are important—they need to know that. The *Book of Ideas (BOI)* is designed to let students connect with and see value in their ideas. Similar to an adult inventor's notebook, the *BOI* encourages students to write down or draw, explore, and discuss their own ideas and inventions.

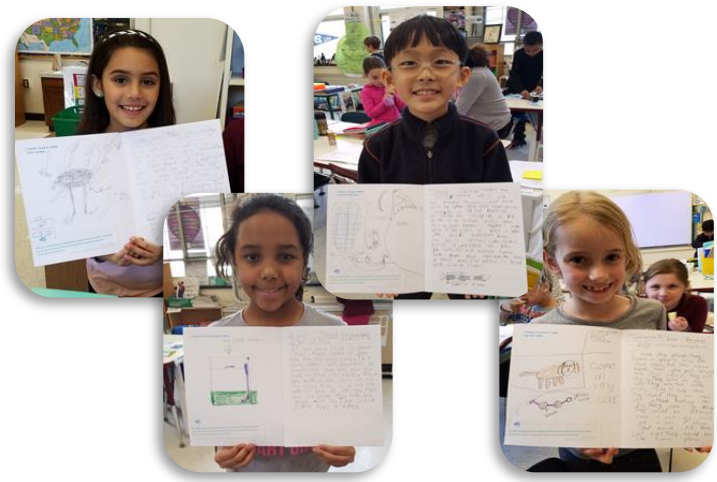
There is no wrong way to use the *Book of Ideas*.

The Book of Ideas is **NOT** about the right answer, perfect spelling, or fitting into a "box."

It **IS** about:

- Starting a conversation with your students
- Giving students the opportunity to explore and express their ideas in a way that works for them and demonstrates their knowledge
- Exciting new ways for students to show you their ideas, big wonderings, and big solutions while giving you additional insight on how to engage every learner

- Provides a low-pressure way to address learning gaps
- Enables students to work independently, as well as collaboratively
- Refines social-emotional skills lost during the pandemic, e.g., giving & receiving feedback and respecting different perspectives
- Contains innovation prompts & leveled readers aligned with ELA, science, and engineering learning objectives
- Includes a lesson guide for teachers to get going and then lets students take it from there



Supporting the Transition to Student-Directed Education

Step 1: The Book of Ideas

- Unintimidating introduction to centering student ideas in the classroom
- Students can work on writing, reading & STEM skills at the same time

Step 2: Makerspace Packs & STEM kits

- Provides teachers experience integrating innovation and entrepreneurship into the classroom
- Supports science, math & ELA standards
- Motivates students to take ownership of their learning

Step 3 Supplemental Science & Engineering Units

- Introduces teachers to CreositySpace instructional format for student-directed instruction and cross-curricular lesson integration
- Supports science, math & ELA standards
- Flexibility in implementation

Step 4: Full Science & Engineering Units

- Complete K-5 curriculum available.
- Can purchase as a set or individual units
- Enables cross-curricular integration and centers students' interests for a deeper learning experience

CreositySpace K-5 science curriculum does more than just prepare students for middle school science class.

Literacy

A focus on innovation and entrepreneurship, through the stories and technologies of real-life STEM entrepreneurs from different backgrounds, naturally incorporates reading, writing, and speaking activities in an interesting and meaningful fashion.

Sustainability

Themes of sustainability and the role of the STEM community in protecting Earth's ecosystems and all inhabitants run deep in all CreositySpace units. Over 75% of featured entrepreneurs are developing technologies aimed at improving lives and protecting the planet.

Student Ownership

Framing each unit around students' ideas and innovations increases ownership in their lessons. Higher levels of student engagement promote deeper learning and change students' relationship with science, setting them up for success in middle school and beyond.

The first K–5 innovation-based science curriculum