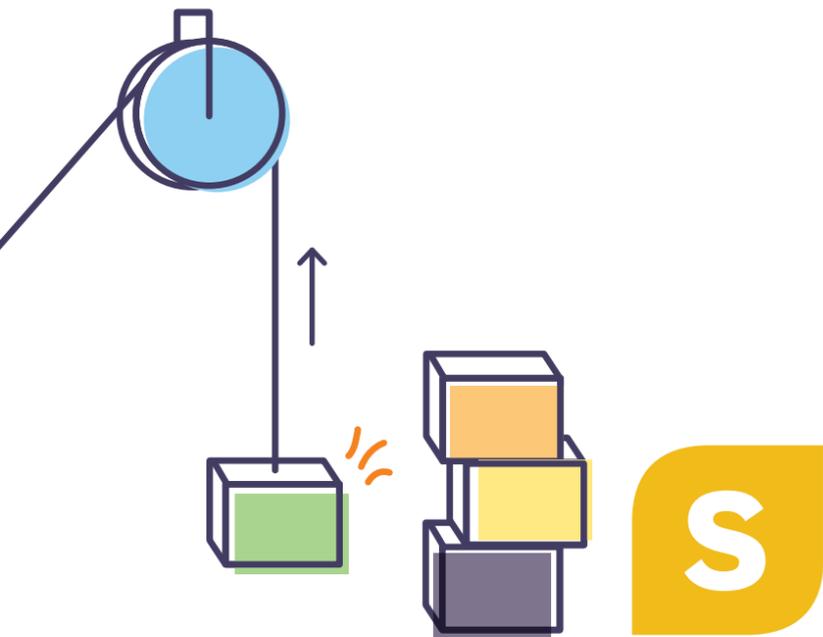


“My students need to start science early to prepare for later grades. Science4Us gives them that foundation.”

—Principal, Cypress Elementary,
Broward County Public Schools, FL



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 Science4Us



It's never too early to learn science!

With Science4Us, kids get hands-on with science. They explore science topics—and have fun—as they dig deeper with the 5E model. Science4Us is a research-based program specially designed for K-2 students and includes 1000's of online and offline activities that incorporate literacy skills.

Why K-2 science education matters

Research shows that 62% of the students who enter kindergarten with limited exposure to science struggle with science in third grade, and 54% still struggle in eighth grade. Science4Us gives students in K-2 a strong science foundation and helps get them excited about STEM careers.

Try it today at science4us.com >>

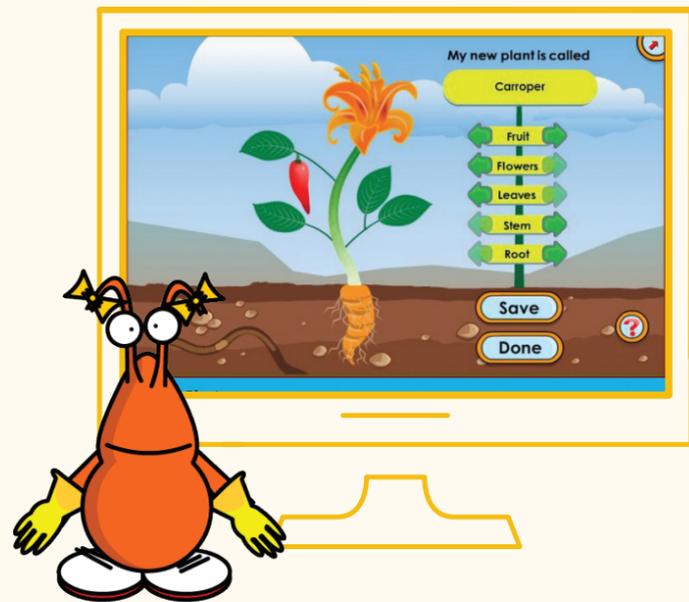
What's in Science4Us?

Science4Us covers Inquiry, Physical Science, Life Science and Earth & Space Science with lessons specifically designed for K-2 students. Within the subjects, there are 8 units and 28 modules. Each module has 8 sessions that teach science using the 5E Model (engage, explore, explain, elaborate, and evaluate).

The sessions contain 1000's of online and offline activities that can be completed in as little as ten minutes, and teach students using videos, interaction, poems, songs, and digital notebooks. The exercises incorporate literacy skills, giving students exposure to science vocabulary, sight words, and much more.

EASY TO IMPLEMENT IN THE CLASSROOM

The program provides comprehensive lesson plans, and embedded professional development so teachers can confidently and effectively teach science in their classroom. With flexible delivery methods, Science4Us has hundreds of short lessons for use with whole group, small group or 1:1.

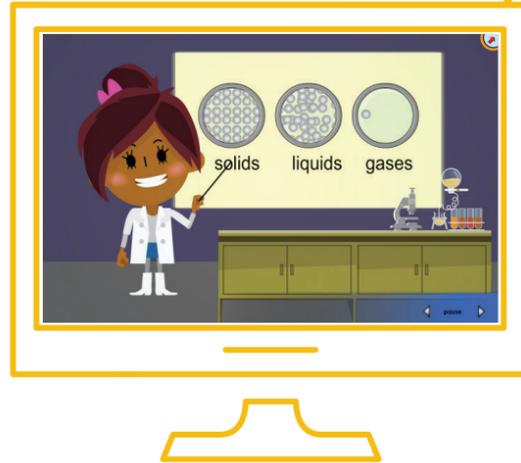


Science4Us makes learning science fun

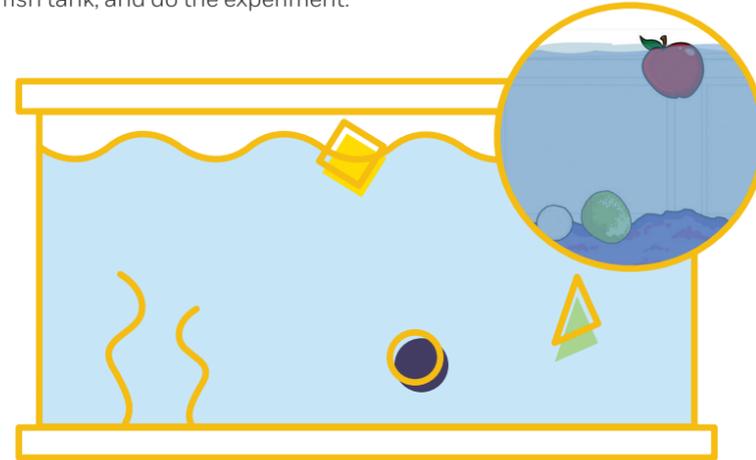
Physical Science → Matter → STATES OF MATTER

In the States of Matter module, students learn by studying the objects around them. They observe matter and learn the words to describe it before exploring the three states of matter: solid, liquid, and gas. Below are examples of some of the many activities students experience in a session.

ENGAGE: The first session introduces the topic to students. What do they already know about matter? Students circle liquid and solid objects in their digital notebook, watch a video about what kind of containers can hold liquids, and draw a picture about how they use water.

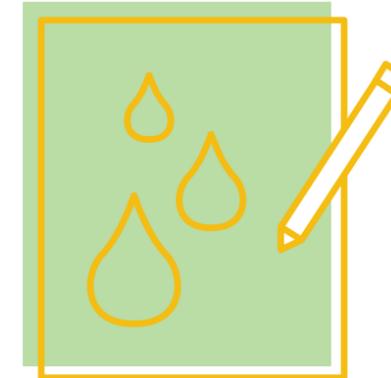


EXPLORE: Students do activities that encourage exploration. In one, students use a simulation to pick objects, predict whether they'll sink or float in a fish tank, and do the experiment.



EXPLAIN: Teachers help build students' science vocabulary and explain the content. Activities include watching a video about solids, liquids, and gases and doing a word concept map offline.

ELABORATE: The next four sessions use poems, songs, and hands-on investigations to teach students more about matter. For example, students draw an object and write a shape poem about it.



EVALUATE: Students take an assessment to test their knowledge, answering questions like, "Why wouldn't a backpack make a good container for apple juice?"



TEACHER SUPPORT:

- Student reporting features
- Embedded lesson planning and PD
- Offline and online activities
- Videos and handouts

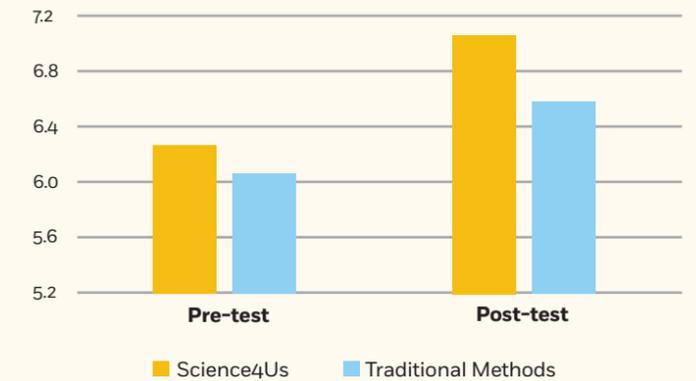
Science4Us is a research-proven program

In a study by McREL, teachers from Denver, CO participated in a 2-week study using the States of Matter module with their 156 students, while another group of teachers and 116 students served as the control group and taught science as they usually did.

Both the control and experimental students were given a pre- and post-assessment to measure their content knowledge. The students who had used Science4Us showed greater gains on the posttest than the control group.

Read the full study at science4us.com/research to find out more.

McREL Student Content Assessment in Science (K-2) Average Score Pre- and Post-Test (Adjusted)



*Pre- and post-test total participating students: Science4Us (n = 148, 130), Traditional methods (n = 113, 81)