

NEW



FOSS PATHWAYS™

One science program
meets the challenge
of our time.

Developed at:



**The Lawrence
Hall of Science**
UNIVERSITY OF CALIFORNIA, BERKELEY*

Introducing FOSS Pathways. Reimagined for the needs of today and tomorrow.

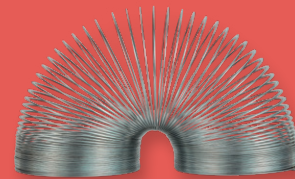
Today as never before, the world needs scientific thinkers—to view the world thoughtfully, approach challenges analytically, and embrace opportunities enthusiastically. Now FOSS®, a longtime leader in science education, has stepped forward to meet that challenge with new FOSS Pathways™. In these pages, you'll see how this PreK–5 core science curriculum:



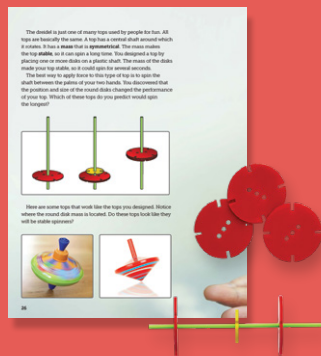
Aligns with today's national science standards and is adaptable to meet state and local requirements



Incorporates the digital tools for a flexible multimedia experience



Lends flexibility to teach in the class time allotted for science



Teaches through a multimodal approach to resonate with every student



Engages students through coherent phenomenon storylines that are local and relevant



Provides unmatched educational support to teach phenomena-based science

Built on a long-standing foundation of excellence.

The FOSS Pathways PreK-5 program supports the science teaching and learning needed today, while building on the classroom-proven three-decade legacy of FOSS.

Built for all

The founding principle of FOSS was to enlist students not as passive recipients of information, but as active investigators of phenomena. This approach engages and advances learners of all languages and cultures, taking advantage of prior experiences so all students can reason scientifically—a goal that has only gained relevance with time.

Proven and tested

The FOSS program has been refined through three decades of field testing with 150,000 teachers and 4 million students in all 50 United States. It has empowered teachers, excited students, and elevated test scores in urban, suburban, and rural settings for students with diverse backgrounds and experiences.

Standards-aligned

FOSS has evolved over time to meet the changing science education landscape and is aligned to NGSS Performance Expectations. This newest edition of FOSS continues to meet standards, while providing the flexibility to adapt to individual teaching needs.



50
states

150,000
teachers

4 Million
students

Phenomena-based science for today and tomorrow.

New FOSS Pathways incorporates phenomena in a way that not only addresses standards, but instills science literacy that will serve students and their communities well for a lifetime.

Promotes scientific thinking

FOSS Pathways empowers students to act as scientists and engineers using hands-on experiences to figure out the world around them. They explore local and relevant phenomena, encouraging them to engage with real-world issues using three-dimensional learning practices.

Students are able to experience the thrill of discovery, motivating them as they become scientifically literate through active investigation.

Time-efficient, standards-aligned

FOSS Pathways gives educators the flexibility to customize instruction while still addressing standards in the time allotted to teach science. To further respect the teacher's time, all key materials for activities are included to reduce preparation time and retain focus on what matters most—providing meaningful learning experiences for students.

Multimedia experiences

FOSS Pathways provides digital resources, including simulations and videos, for students and teachers through FOSSweb on ThinkLink™. These multimedia materials are purposefully designed to enhance the learning experience, and they lend flexibility to keep active science teaching viable if classroom circumstances change.



The curriculum that puts students first.

The FOSS program was developed to engage students of all backgrounds, languages, and abilities. New FOSS Pathways advances this students-first approach, providing opportunities to differentiate and support each student experience.



Local and relevant phenomena

FOSS Pathways is built around phenomena that are local to students, so they can observe and relate the phenomena to the world they know. These phenomena are organized into coherent storylines that are explicitly identified to the teacher, empowering the teacher to engage students as they explore.

A multimodal approach

FOSS Pathways combines hands-on science experiences with accompanying rich resources. This enables differentiated instruction that helps all students explore and understand scientific concepts in a way that resonates individually with each of them, promoting access and equity. Engaging digital experiences are judiciously used to enhance the student's own firsthand investigations of phenomena. FOSS also makes reading and writing an integral part of the student's work, providing cross-curricular education in English Language Arts (ELA) and English Language Development (ELD).

Empowering educators like no other science curriculum.

New FOSS Pathways™ provides the appropriate educative support to implement phenomena-based instruction.



Helps teachers connect with students

FOSS Pathways modules present scientific concepts cohesively. Phenomenon storylines are called out to the teacher clearly and explicitly. Teaching materials give direction to ask probing questions and deepen students' understanding as they progress through the module.

Illuminates concepts in a coherent progression

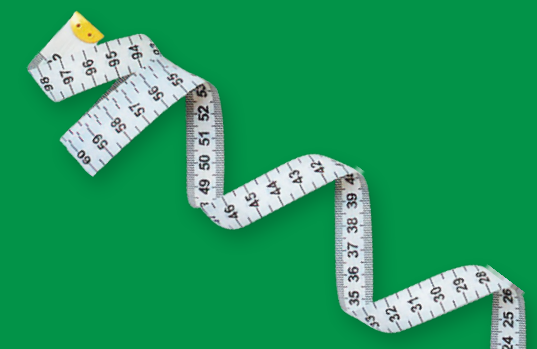
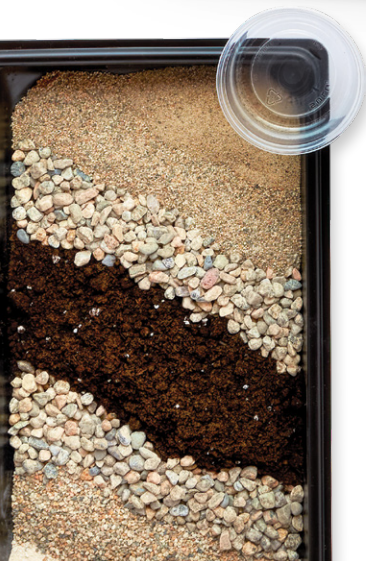
In every module, core ideas build upon each other in a logical sequence. Teacher support spells out an explicit connection between the anchor phenomenon being investigated and the core ideas being exposed. This background information helps teachers understand how students develop ideas related to the phenomenon during the investigation.

Affords flexibility in science instruction

FOSS Pathways provides opportunities to customize instruction to meet local educational goals. Pathways provides Side Trip opportunities as optional activities that can be used with the whole class or as student choice activities. Educators can customize the provided instructional resources to create learning experiences that make science relevant to their students' lives.

Provides field-tested assessment

Assessments are research-based and field-tested. They accurately measure student learning and progress. A variety of formative assessment tools provide evidence of students' use of the three dimensions and their knowledge of phenomena.



Unmatched curriculum. Unequaled support.

Active science that puts students at the center of instruction requires a teacher who's fully supported. No other curriculum delivers that direct support, in person and virtually, with as much experience and commitment as FOSS Pathways.

School Specialty and Delta Education, in partnership with the FOSS team at the Lawrence Hall of Science, will work hand-in-hand with your district to design a multi-year implementation plan that meets your specific needs and goals. When you join the FOSS community of educators, we help you design the optimum mix of ongoing support for your district, including workshops, institutes, and other forums for development of teachers and teacher-leaders. This support helps teachers get the most out of FOSS Pathways materials and guides them in how to best instruct their students.

Learn more.

**Go to FOSSPathways.com
or contact your FOSS representative.**



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