



Developed at:

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

**Hands-on engagement
brings new energy to
science time.**

FOSS helps Alabama students & teachers make the most of every minute.

The ideal science curriculum for Alabama helps both students and teachers succeed. For learners, captivating hands-on investigations promote engagement and scientific thinking. For educators, thoughtfully organized materials simplify class prep while a flexible lesson structure meets state standards in the hours available. Fortunately, today there is a Pre-K-8 program field-proven to achieve all these goals: FOSS®, the Full Option Science System™ from the Lawrence Hall of Science.

“The FOSS program includes most of the supplies teachers need. The hands-on investigations are simple and are designed so every student can grow their skills and gain a true understanding of scientific concepts.”

Lynn Gutzwiller, Science Specialist
Utah

Meets standards in the class time available

The flexibility of FOSS explicitly unpacks the three-dimensional Alabama Course of Study Standards. FOSS calls attention to the disciplinary core ideas that students investigate, the science and engineering practices they engage in, and the crosscutting concept that frames students' thinking.

Classroom tested for ease of use

Every FOSS module provides all the key components for hands-on science instruction, so teachers don't spend precious time gathering it on their own. A complete Investigations Guide helps the teacher lead the students' activities and maximizes class time through cross-curricular learning opportunities.

Engages all students in hands-on science

The collaborative multimodal approach of FOSS uses age-appropriate and relevant phenomena that can be found in local contexts, enabling all students to access the learning experience. The instructional design engages students in hands-on experiences before they read about them, ensuring that students of all backgrounds and abilities can experience success. FOSS sparks curiosity, provokes authentic conversation, and empowers all students to engage in three-dimensional scientific thinking.

Supports STEM initiatives

Science and engineering concepts and activities are embedded throughout the FOSS program. Students step into the roles of scientists and engineers themselves, design solutions to challenges—and develop their ability to think critically and solve problems.



Science for the whole class and the whole student.

From its creation, FOSS® was designed to reach students of all abilities and backgrounds. First, its active investigations engage students through hands-on activities. Then it entices them into broader learning through problem solving, strengthens their collaboration and language skills as they discuss and journal their findings, and develops their habits of scientific thinking. At every phase, FOSS helps students master the 21st century skills essential to success in the workplace and in the world.

“The hands-on experience of FOSS helps our students to quickly grasp the concepts (regardless of) their reading levels. The gradual progression of the activities to higher level thinking and science processes has given our children a wonderful love of and understanding of science and engineering. I love the vocabulary suggestions for English Language Learners. Most of all, I love FOSS because my students love it!”

Margaret P., Science Facilitator
Alabama

Learn more.

Go to FOSSNextGeneration.com/Alabama
or contact your local FOSS representatives:

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