



FOSS[®] Next Generation[™]

Our Commitment to Professional Development for Alabama

Professional Development is a key ingredient to the successful implementation of any new curriculum program. It is especially important with a hands-on, inquiry-based science program such as FOSS.

Delta Education will partner with your district to design a multi-year implementation plan to meet your specific needs and goals. The customized plan may include workshops, institutes, and other forums for the training of teacher-leaders to help ensure the best use of the materials and implement with fidelity to the program, and the development of teachers to guide and instruct their students in science.

The support Delta Education provides ensures strong implementation and continued success in areas of teacher preparation, student performance, leadership development, and administrative and community support. Through the FOSS Development Staff from the Lawrence Hall of Science and a network of experienced FOSS Consultants, we are confident that we have a team that is not only dedicated but also competent to achieve the greatest results possible.

The following illustrates possible opportunities in our Professional Development model.

YEAR 1: Module Training

- ◆ FOSS Program Overview: introducing program components and modeling instructional design
- ◆ Specific module training for grade-level teachers and science specialists, including science content and materials management strategies
- ◆ Identifying Science and Engineering Practices within FOSS investigations
- ◆ Developing science leadership teachers and science specialists

YEAR 2: Enhancing Student Performance

- ◆ Strengthening science notebooks: writing to learn and make sense of data
- ◆ Assessment for Learning
 - ◇ Embedded/Formative assessment strategies, including self-assessment and next-step strategies
 - ◇ Benchmark/Summative assessment, including online assessment and reporting
- ◆ New module training for grade-level teachers and science specialists
- ◆ Classroom Coach: feedback and mentoring from FOSS consultants
- ◆ Strengthening, energizing, and rewarding the science leadership team

YEAR 3: Building Capacity

- ◆ New module training for grade-level teachers and science specialists
- ◆ Classroom Coach: feedback and mentoring from FOSS consultants
- ◆ Develop models for ongoing professional development (new teachers) and program expansion

YEAR 4 and Beyond: Institutionalization

- ◆ Build parent and community resources and support
- ◆ Blending district and outside resources to make your science program self-sufficient