



Developed at:

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

# FOSS passes the test for Virginia students.



# FOSS is proven to support Virginia student success.

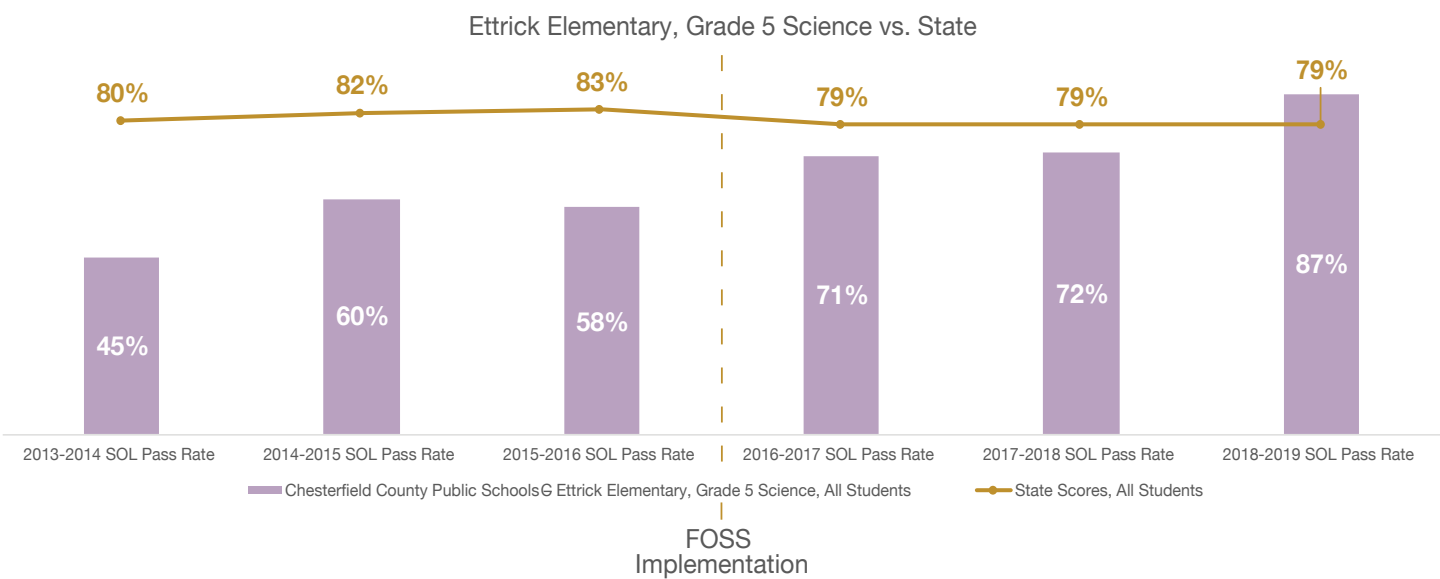
Every student deserves to experience science, not just to be a spectator to a science book or video. The developers at the Lawrence Hall of Science designed FOSS® to effectively engage students by inviting them to investigate, understand, and solve problems in the world around them.

This philosophy is aligned with the Virginia Standards of Learning and the 5 C’s of the Profile of a Virginia Graduate. It’s a student-centered, hands-on approach that affords all students, regardless of background, culture, language, or ability, a full opportunity to become future-ready graduates.

## Why FOSS?

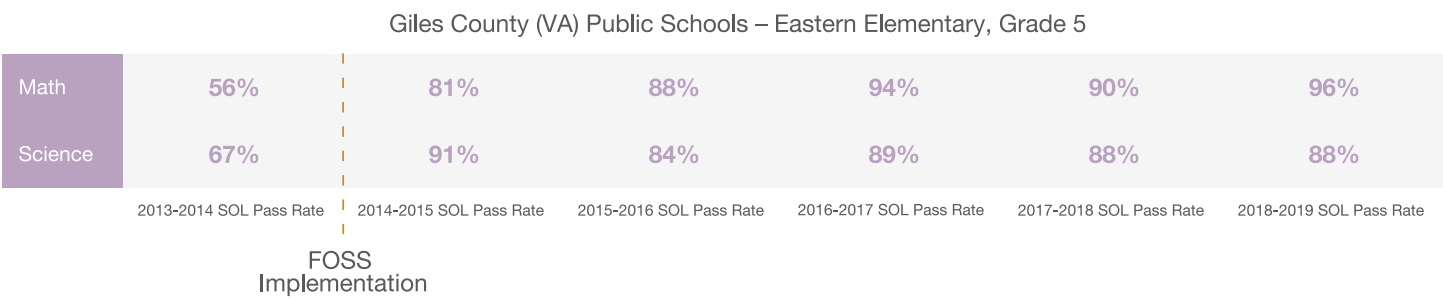
- Student-first approach using hands-on activities and differentiated resources
- Aligned to the Standards of Learning with implementation tools for Virginia’s teachers
- Student problem-solving through Engineering Design and Environmental Literacy
- Unmatched support and comprehensive resources for teachers and students
- FOSS passes the test with proven results for Virginia students

## FOSS lifts up low-performing schools.



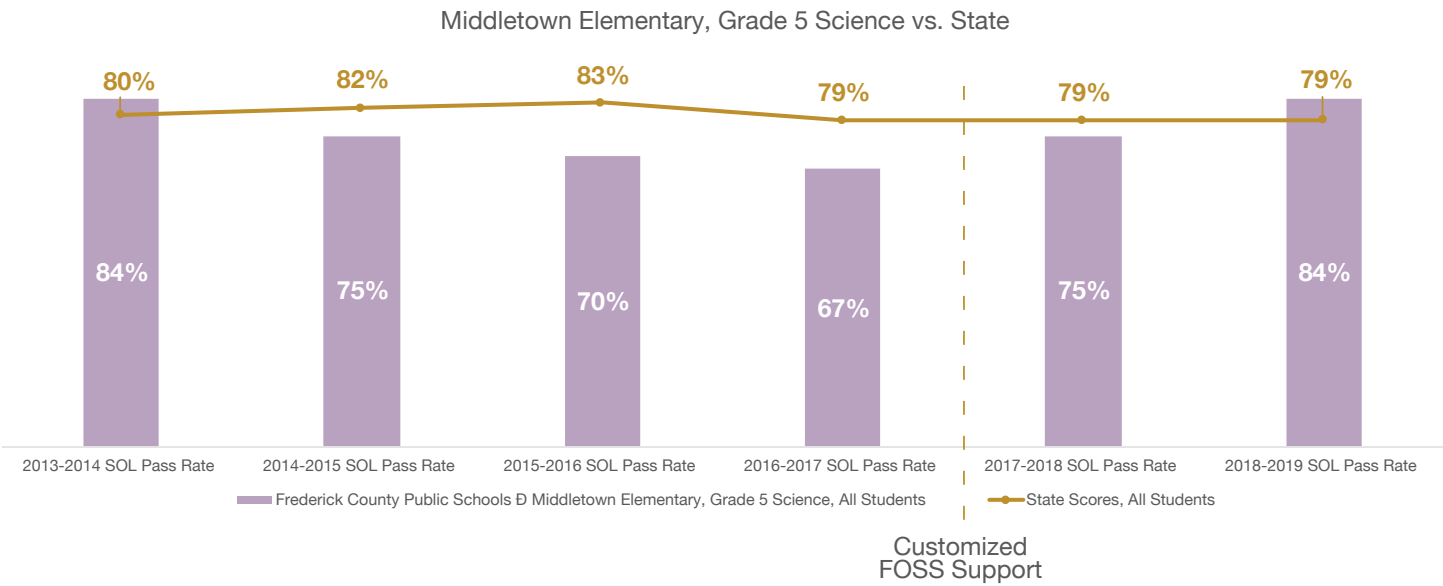
Previously, only 45% of fifth graders at Chesterfield County’s Ettrick Elementary passed the Science SOLs. Then FOSS was implemented, with included technical support and professional learning. In just five years the pass rate rose to 87%, a full 8% above state average—a major impact at a school where 61% of the students were economically disadvantaged.

## FOSS produces broad-based improvement.



FOSS activities involve math skills as well as science concepts, inspiring students to learn both. At Eastern Elementary in Giles County, SOL scores in science *and* math surged upward in Year One of FOSS implementation, and teachers continue to see progress in both areas year after year.

## FOSS supports successful teaching.



In Frederick County, students at Middletown Elementary consistently had high SOL scores. When scores started to decline, the FOSS team investigated why and discovered changes in the fifth-grade teaching team. Working with the school, the team developed a plan that included classroom walkthroughs, demonstration lessons using FOSS investigations, planning units for the year, and ELA instructional strategies. With the support provided by FOSS, Middletown is now back on track and performing impressively.

# FOSS brings smiles to Virginia students and teachers.

“It is amazing (to see) the depth of understanding that my students have been able to achieve with FOSS. Developing in-depth lessons that will meet the needs of all students had always been a challenge before I started using FOSS. Now, I feel confident in my students’ understanding of our natural world. The FOSS lessons are student-led investigations that encompass many different learning styles and encourage a student’s natural curiosity. My students are excited for school and absolutely love science class.”

Donna R., Teacher  
*Giles County*

## Learn more.

Go to **FOSS-Science.com/Virginia**



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Hall of Science**  
UNIVERSITY OF CALIFORNIA, BERKELEY®

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