

FOSS at Home and in the Community: Kindergarten



Five year olds are naturally curious about everything. Their incessant questions about the way the world works demonstrate this drive to understand. Their constant, spontaneous exploration of their world may look like play, but they are often engaged in serious investigation. The FOSS Science Program has a deep understanding of what young children need to nurture this natural curiosity. We wanted to share a little about this science program so that you know what is happening in the classroom.

The FOSS Science curriculum is a standards-aligned, research based science program used with great success across the country. It is developed at the University of California, at Berkeley by professional science educators with several early childhood specialists. During science time with this [award-winning program](#), kindergarten students do the same things that the older students do. They investigate earth, life, and physical science; engineering is integrated throughout all domains. Students use [science notebooks](#) as a tool to record their observations and thinking, often recording only pictures and labels, but over time their ability to share their thinking will develop considerably. Students [visit the schoolyard](#) regularly to examine how the concepts learned in the classroom apply to the out-of-doors and will be read articles after the hands-on exploration to broaden the experience.

If you would like an overview of the subject matter your child is likely to study in kindergarten or in future grade levels, click here: [FOSS modules](#). Once there, if you click on any title you will see a brief overview of that module.

[FOSSweb.com](#) is used regularly in the classroom, but you may like access to some of the resources to better support your child at home. Log in using your child's account.

Username: _____ Password: _____

Here you will find some information that may be nice to extend into your home. You will find:

- Interactive online activities and videos that help reinforce the classroom lessons
- Recommended nonfiction and fiction books

Most of the resources on FOSSweb are for teachers and students but you may find it interesting to watch a [video about the program](#) here. You may also have questions answered in the [Information for Families and Community Members](#) K-2 section on FOSSweb.

Each FOSS module will take approximately 9-12 weeks to complete. We teach science 2-3 times weekly.

Kindergarten students are primed for science and engineering. This early engagement will help foster a life-long love for the subject and equally important will nurture students' sense of wonder about the world. Keep an eye out for the "Letter to Family" which will give you an overview of each FOSS module.