

NEW PLANTS MODULE

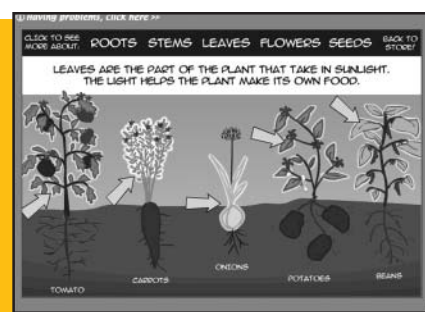
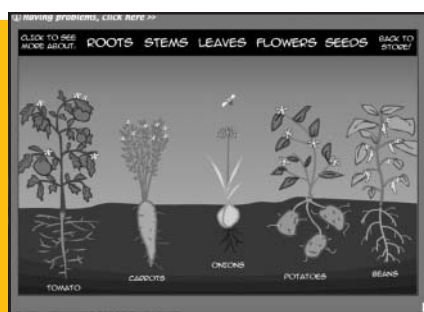
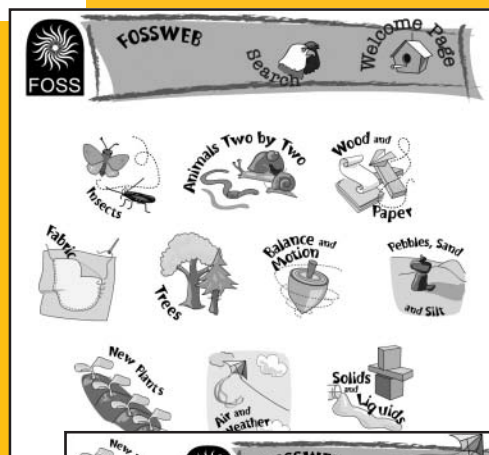
On the Welcome page, click Preview under the grades K–2 flag to see a brief overview of the K–2 site.

Click the grades K–2 icon to get a menu that links to each of the K–2 modules. There you can choose New Plants and travel to a wealth of information and activities specific to that module for students, parents, and teachers. The section for students has an interactive activity, a photo gallery, an “Ask a Scientist” section, websites, and movies. Parents and teachers can go to a module summary, a vocabulary list, a link to home/school connections, resources, and tips and tricks for using FOSS in the classroom.

If possible, introduce FOSSweb to students using a computer connected to a large monitor or digital projector. After a group introduction, move students to the computer lab or to computer stations in your classroom. Students in grades K–2 will get the most out of FOSSweb if an adult or older student is nearby to guide their explorations. After students have been oriented to the site, you can allow more free exploration.

In New Plants, you’ll find an activity called Watch It Grow! Students decide which seeds they want to plant and watch grow. Do this activity after students have had experience growing several kinds of plants. Before starting the activity, you might ask,

- What kinds of plants have we grown?
- What did we use to start the plants (e.g. seeds, roots, stems, etc.)?
- How long did it take the different plants to grow?



If necessary, review the different plants students have grown and which plants came from seeds, bulbs, and so forth. At the computer, have the class decide on five different plants to grow. Discuss how each plant gets started, from a root, seed, or bulb. For the first trial, you might grow all five plants; for future trials, you might grow two of one kind of plant, three of another, and so on. Once you have selected the five plants, click Go to the Garden and watch the time-lapse version of what happens to the plants over several days and weeks. After several weeks, students can compare the roots, stems, leaves, flowers, and seeds of the different plants. If you click one of the words at the top of the window, you can learn more about the different plant parts. Once you have tried this activity as a class, have students move to a computer to explore on their own. To reset the activity, click Back to Store in the window that appears after several weeks of growth.

The Photo Gallery includes images of different seeds. Each image includes questions that you can use to stimulate class discussion.

In Ask a Scientist, students can review questions about plants that have been submitted by other students and ask appropriate questions of their own. Adult guidance in submitting questions is highly recommended.

Websites include links to sites that can extend student experiences with the **New Plants Module**. The links may inspire some new projects and investigations involving plants.

Movies include time-lapse photography of different plants growing.

