

## AIR AND WEATHER MODULE

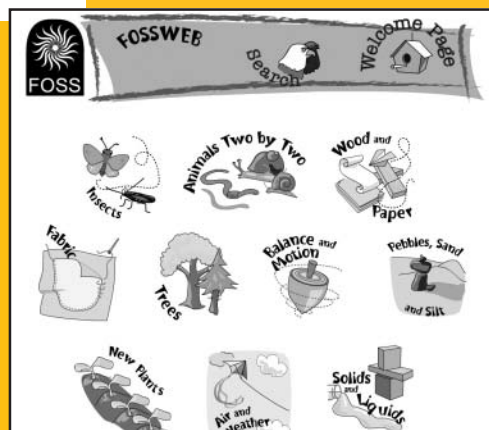
On the Welcome page, click Preview under the grades K–2 flag to see a brief overview of the K–2 site.

Click the grades K–2 icon to get a menu that links to each of the K–2 modules. There you can choose Air and Weather 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 Air and Weather, you’ll find an activity called What’s the Weather? Students decide what the cartoon bear needs to wear to face the weather that day. You might ask,

- *What is our weather today?*
- *How did you dress today so that you were comfortable when you went outside?*



If necessary, review how to read a thermometer using the large class thermometer. At the computer, have the class decide as a group what the temperature is on the thermometer and how they would describe the temperature. Decide which description to use. When you take the bear outside, you will find out if it is satisfied with your decision. Once you have been successful as a class, have students move to a computer to try again.

The Photo Gallery includes images of objects and organisms that use air. You can use the images to discuss the objects, including whether students have ever encountered them and how they think the objects use air.

In Ask a Scientist, students can review questions about air and weather 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 **Air and Weather Module**. The links may inspire some new projects and investigations involving air and weather.

Movies show various objects using air and can stimulate discussion.

