



**SOL-BASED ENVIRONMENTAL EDUCATION PROGRAMS
FOR SECOND GRADE
PETER FRANCISCO SOIL & WATER CONSERVATION DISTRICT
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- **Animal Tracks, Scat and Skulls** (Science 2.5) - A variety of animal tracks, scat and skulls will be displayed. Virginia wildlife (mammals) their habitats, diets, etc. will be discussed. Students also play an animal survival game.
- **Build an Ecosystem** (Science 2.5, 2.8) – Using 3 empty clear 2-liter bottles, the class will be an ecosystem with pond life at the bottom and land life in the top. The two exchange water and oxygen so the class can watch bugs crawling on the second floor and fish swimming in the basement. The ecosystem will then be displayed in the classroom near a window for students to observe over time.
- **Erosion and Weathering** (Science 2.7 and 2.8c) Students learn about erosion and weathering and how plants help reduce erosion through an experiment involving skittles and an experiment with erosion trays.
- **Soil Community Biorama** (Science 2.4, 2.5a) The biorama is displayed and students learn interesting facts about the soil, plants, animals, insects, and other organisms in community and their dependency on each other. Life cycles of the insects are discussed as well.
- **We All Need Trees** (Science 2.5, 2.7, 2.8c) Students will be amazed to see the displayed products that come from trees. They will learn the value of trees for products, food, habitats and for preventing soil erosion. An interactive story goes along with the program and students can do leaf rubbings from leaves collected in the school yard or plastic leaf plates.