

ISI 5th grade: 5th grade teachers will receive three, hands-on, inquiry-centered modules to implement in this grade level: *FOSS Earth and Sun*, *FOSS Mixtures and Solutions* and *FOSS Living Systems*. In *FOSS Earth and Sun* students explore the properties of the atmosphere, energy transfer from Sun to Earth, and the dynamics of weather and water cycling in Earth's atmosphere. There are five investigations with 19 individual parts in this module. *FOSS Mixture and Solutions* introduces students to the fundamental ideas about matter and its interactions. Students learn that matter is composed of particles too small to be seen and that matter is conserved when it changes state. This module is composed of five investigations with 18 individual parts. In *FOSS Living Systems* students focus on systems as the unit of study. Students investigate nutrient and transport systems within an organism, feeding relationships within ecosystems, and the interaction of the four Earth systems: geosphere, hydrosphere, biosphere, and atmosphere. This module has four investigations with 14 individual parts.