

**ISI 3<sup>rd</sup> grade:** 3<sup>rd</sup> grade teachers will receive four hands-on, inquiry-centered modules to implement in this grade level: *FOSS Water and Climate*, *FOSS Motion and Matter*, *FOSS Physics of Sound*, *FOSS Structures of Life*. The *FOSS Water and Climate* module provides students with the experiences to explore the properties of water, water cycle and weather, interactions between water and other earth materials, and how humans use water as a natural resource. This module contains five investigations with 20 individual parts. *The Physics of Sound* module will be shipped with the *Motion and Matter* module and teachers will need to sequence the lessons in these two modules in order to get the best coverage of standards. In order to address the 3<sup>rd</sup> grade physical science standards teachers will need to teach two investigations in *Physics of Sound* (2 &3) and Investigations 1-3 in *Motion and Matter*. In the *FOSS Physics of Sound* module students will complete seven parts of the four investigations to investigate how sound is generated, what variables affect pitch, and how sound travels through different medium. *FOSS Motion and Matter* provides students with physical science core ideas dealing with forces and interactions, matter and interactions, and engineering design. In this module there are a total of four investigations with 14 parts. *FOSS Structures of Life* consists of four investigations that deal with the big ideas in life science: plants and animals are organisms and exhibit a variety of strategies for life, organisms are complex and have a variety of observable behaviors and structures, organisms have varied but predictable life cycles and reproduce their own kind and individual organisms have variations in their traits which may provide an advantage for survival. This module has four investigations with 14 parts.