

5th Grade Science Units -

High Priority

Parts identified as high priority are seen as important to teach. These units either strongly tie into the science standards at this particular grade level or build crucial vocabulary or understanding. These lessons should be taught.

Medium Priority

Parts identified as medium priority are important to teach, but parts could be modified if time is an issue. These parts of the investigation might have important pieces that connect with other parts or reading that helps to build understanding.

Low Priority

Parts identified as low priority are able to be skipped, while students won't be missing out on important standards or content. If time permits, these are the "fun" activities and build on the content being taught, but aren't crucial.

Earth and Sun

In this unit, there are a lot of activities that are important for basic exposure to science for 5th graders. Students spend a significant amount of the kit understanding that the rotation of the Earth around the sun creates patterns of light that affect all aspects of life on Earth. Students learn that water is constantly changing form from gas to liquid through a process called the water cycle.

In this kit, there are many Science and Engineering Processes (SEP's) that students explore that are important to the development of students as scientists. (*Asking Questions, Planning and Carrying out Investigations, Analyzing and Interpreting Data, Constructing Explanations, Engaging in Argument from Evidence, and Obtaining, Evaluating, and Communicating Information*) Students also use the *Crosscutting Concepts such as Patterns, Cause and Effect, Systems and System Models, Stability and Change, Energy and Matter and Scale, Proportion and Quantity.*

Mixtures and Solutions

In this unit, there are a lot of activities that are important for basic exposure to science for 5th graders. Students spend a significant amount of the kit identifying particles within mixtures and how particles together make a solution. Solutions can be broken down into solutes and solvents

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**** If time is limited, the entire Investigation 2 could be skipped as these parts don't necessarily meet standards at 5th grade.**