

Scenarios to Introduce the Frameworks

Elementary	Middle School	High School	K-12
<ul style="list-style-type: none"> • The 4th grade teachers in your school are meeting to discuss the use of properties of multiplication when working on basic facts. • The 5th grade teachers in your school are meeting to discuss a lesson on the understandings for the benchmark that says that the mean is a "leveling out" of data. • You are a 6th grade teacher working with students to understand ratios. You want to know what they have studied in earlier grades and what will happen with ratios in 7th grade. • You are working with a team of 3rd grade teachers that want to develop a project-based integrated unit around the theme of ancient civilizations. Look for ideas from mathematics and science. • You are preparing to observe a class in one of the primary grades that is learning about sorting. • You are a 5th grade classroom teacher struggling with understanding how to teach benchmarks 5.3.4.1.1 and 5.4.2.1.1 on natural systems and renewable/nonrenewable resources. • You are working as a 3rd grade teacher exploring plants and animals. • 	<ul style="list-style-type: none"> • You are a 7th grade teacher looking for help with benchmark 7.2.1.1 • You are a middle school teacher working with students to understand input/output relationships in real world problems. • Your 6th grade team is looking for problems dealing with ratios. • You are a 6th grade teacher looking for ideas on teaching multiplication and division with fractions. • Your algebra I team is looking for ways to help students understand the Pythagorean Theorem. • You are a middle school teacher working in a team exploring the matter (chemistry) standards. • 	<ul style="list-style-type: none"> • Your high school team is working on understanding how to work with contingency tables. • Your high school team is looking for different ways to help students understand how to write proofs in geometry. • You are a high school algebra teacher looking for ideas about representation. • You are a high school science teacher who observes that students have difficulty manipulating equations dealing with motion. You want to look for mathematics and science strategies to help the students. • You are a high school physical science teacher. You are teaching a combination physical science/earth science course and you want to work on the trade offs involving energy, natural resources, and materials. • You are a high school life science teacher exploring homeostasis. • You are teaching a high school course which is combining physical science and earth science standards. • Look for resources for connecting wave properties and seismic waves in instruction. 	<ul style="list-style-type: none"> • You are a district curriculum coordinator facilitating the mapping of the curriculum for K-12 around weather and climate. •