

## Science & Technology/Engineering Framework Guide

How well or to what extent does your lesson align to the MA ABE Science & Technology/Engineering Framework? Consult the full framework at [www.doe.mass.edu/acls/frameworks](http://www.doe.mass.edu/acls/frameworks) as necessary.

CF Strand	CF Standards	CF Core Concepts	CF Guiding Principles	CF Habits
* <b>Doing Science &amp; Technology</b>	<p>Science as a process of inquiry</p> <p>Technology as a process of problem solving</p> <p>The usefulness of scientific method or systematic inquiry</p>	<p>Solving Problems &amp; Making Decision in Adult Daily Life</p> <p>Discussion &amp; Debate on Social Issues</p>	<p>Best learned through inquiry and hands-on explorations</p> <p>Using community resources &amp; collaborating with scientists</p>	<p>Curiosity</p> <p>Open Mindedness</p>
* <b>Unifying Concepts in Science &amp; Tech</b>	<p>Similarity and Diversity</p> <p>Order and Organization</p> <p>Systems</p> <p>Measurement, Magnitude, and Models</p> <p>Patterns of Change</p> <p>Predictability</p>	<p>Making Science &amp; Technology Fun &amp; Engaging</p> <p>Systematic inquiry into Natural World</p> <p>Investigative Process</p>	<p>Risk taking with science and technology topics</p> <p>Multiple answers &amp; messy results</p>	<p>Creativity</p> <p>Wonderment</p>
* <b>Using Science &amp; Tech</b>	<p>The important role science and technology play in history &amp; our lives</p> <p>Scientific method &amp; process of inquiry used to solve problems across spectrum of life</p> <p>Scientific concepts and processes in political decision making and law making</p>	<p>Inquiry &amp; Lifelong Learning</p> <p>Learning to Learn</p> <p>Organizing principles</p>		