

## Pre-K Expectations in Science and Technology/Engineering

*Learning standards from the MA Science and Technology/Engineering Curriculum Framework for the end of Grade 2 are numbered and printed in bold. The Franklin Public School System's grade level expectations for Pre-K are bulleted below each learning standard. If there are no bulleted items after the MA learning standard, that standard is the grade level expectation. All students are expected to master all grade level expectations.*

### Strand 1: INQUIRY

Curriculum Framework Learning Standard	Resources
<b>1. Observe and describe familiar objects and events identifying details, similarities, and differences</b>	
<b>2. Tell about why and what would happen if?</b>	
<b>3. Make predictions based on prior knowledge about a particular material or object.</b>	
<b>4. Understand that scientists use tools such as rulers, meter sticks, yardsticks, thermometers, hand lenses, and balances, and know the purpose of each of these tools.</b>	

### Strand 2: DOMAINS OF SCIENCE LIFE SCIENCE

Curriculum Framework Learning Standard	Resources
<b>Characteristics and Diversity of Organisms</b>	
<b>1. Understand that people, as well as other animals, interact with their environment through their senses.</b>	
<ul style="list-style-type: none"> <li>• People use their senses to learn about things around them.</li> </ul>	District Developed
<b>2. Recognize changes in appearance and behavior that animals and plants go through as the seasons change.</b>	
<ul style="list-style-type: none"> <li>• Some plants change as the seasons change.</li> </ul>	District Developed

**Strand 2: DOMAINS OF SCIENCE  
EARTH SCIENCE**

<b>Curriculum Framework Learning Standard</b>	<b>Resources</b>
<b>Earth Materials</b>	
<b>1. Recognize that water, rocks, soil, and living organisms can be found on earth's surface.</b>	
• Discriminate between water, rocks, and living organisms.	District Created
<b>Cycles</b>	
<b>2. Identify some events around us that have repeating patterns including the seasons of the year, day and night.</b>	
• There are four seasons: winter, fall, spring, summer	District Created