## Kindergarten Curriculum Pacing Guide

**Cross-Cutting Concepts:** Patterns, Energy and Matter, Structure and Function, Stability and Change  
Topics: Living Organisms and Non-Living Objects

Estimated Time Instructional Segment: 6 weeks

<table>
<thead>
<tr>
<th>Anchoring Phenomenon</th>
<th>Standard</th>
<th>Instructional Segment</th>
<th>Disciplinary Core Ideas</th>
<th>Science and Engineering Practices</th>
<th>Instructional Notes</th>
</tr>
</thead>
</table>
| Students will compare the characteristics of a healthy living plant, a dead plant, and a fake plant. | SKL1.a, b | Is it Alive? | Frameworks of K-12 Science Education:  
*By the end of grade K*  
LS1.B Growth and Development of Organisms  
- All animals need food to live and grow.  
- Plants need water and light to live and grow.  
LS2.A Interdependent Relationships in Ecosystems  
- Animals can move around, but plants cannot.  
LS4.C Adaptations  
- Living things can survive only where their needs are met.  
LS4.D Biodiversity and Humans  
- There are many different kinds of living things in any area, and they exist in different places on land and in water. |  
- Asking questions  
- Developing and using models  
- Planning and carrying out investigations  
- Engaging in argument from evidence  
- Obtaining, evaluating, and communicating information | Living things are characterized by their ability to grow, move, consume, and reproduce.  
By the end of this unit, students are using the following language in their speaking and writing during EXPLAIN or ELABORATE.  
- Living  
- Non-living  
- Once living (dead)  
- Organisms  
- Reproduce  
- Movement  
- Growth |  
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This instructional segment will connect to SKE.2 which explores Earth materials. Plants and animals depend on the land, water, and air to live and grow.