## Unit 7 Plan

**Preschool Science**

**2014-2015**

<table>
<thead>
<tr>
<th>Unit/Topic Title: Living Things Grow And Change</th>
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<tr>
<td>Estimated Time (When): April (4 weeks) 20 days</td>
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<th>Standard(s)</th>
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<tr>
<td>2. Life Science</td>
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<th>Prepared Graduates:</th>
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<tr>
<td>➢ Explain and illustrate with examples how living systems interact with the biotic and abiotic environment (2.1 &amp; 2.2)</td>
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<td>➢ Analyze the relationship between structure and function in living systems at a variety of organizational levels, and recognize living systems’ dependence on natural selection (2.1 &amp; 2.2)</td>
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## Grade Level Expectation: Preschool

**Concepts and skills students master:**

- Living things have characteristics and basic needs (2.1)
- Living things develop in predictable patterns (2.2)

**Evidence Outcomes**

**21st Century Skills and Readiness Competencies**

**Students can:**

- Ask and pursue questions through simple investigations and observations of living things (2.1.c)
- Collect, describe, and record information about living things through discussion, drawings, and charts (2.1.d)
- Make and record by drawing, acting out, or describing observations of living things and how they change over time (2.2.c)

**Inquiry Questions:**

- What do living things need to survive?
- How do different living things change over time?
- What are some similarities and differences in how living things develop?
- How do the adults of various animals compare to younger versions of those same animals?

**Relevance and Application:**

- Gills on a fish allow them to "breathe" under water.
- Butterflies have a predictable growth cycle.
- Leaves on a tree change color and fall every year.

**Nature of Science:**

- Be open to and curious about new tasks and challenges.
- Explore and experiment.
- Show a capacity for invention and imagination when looking for patterns of development.

## Essential Vocabulary
Mastery: investigate, question, change, describing living things

### Assessments

- Teaching Strategies GOLD™
  - 11. Demonstrates positive approaches to learning
    - 11b. Persists
    - 6. Plans and pursues a variety of appropriately challenging tasks
  - 14. Uses symbols and images to represent something not present
    - 14a. Thinks symbolically
    - 6. Plans and then uses drawings, constructions, movements, and dramatizations to represent ideas

### Instructional Resources

- FOSS Kits: Insects and Spiders, Trees
- Science To-Go Kits: Underground Connections, Fast Plants