



1st Grade – Science/Math/ELA

Standard (subject, number, text):

- **CCSS.ELA.Literacy.W.1.3.** Write narratives in which they recount two or more appropriately sequenced events, include some details regarding what happened, use temporal words to signal event order, and provide some sense of closure.
- **CCSS.ELA.Literacy.W.1.8.** With guidance and support from adults, recall information from experiences or gather information from provided sources to answer a question.
- [CCSS.Math.Content.1.MD.A.1.](#) Order three objects by length; compare the lengths of two objects indirectly by using a third object.
- **NGSS.1-LS1-1.** Use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow, and meet their needs.

Or

- **NGSS.1-LS3-1.** Make observations to construct an evidence-based account that young plants and animals are like, but not exactly like, their parents.

Objective(s):

- Students will collect some leave/seed from three different plants to observe, compare and discuss how they look like, physical adaptations, helps them to survive and grow .
- Students will order by length and measure three leaves/seeds.

4Cs:

Communication: Students will communicate verbally when they Think-Pair-Share their observations and thoughts. They write and illustrate a narrative.

Collaboration: Students will work in pairs to measure each other's leaves.

Creativity: Students will illustrate their narratives.

Critical Thinking: Students will engage in learning how plants look like help them survive and grow. They will order in length and measure three leaves/seeds.



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COMMUNITY PROGRAMS

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Materials:

- Small zip logs and sharpies
- Journals, pencils and crayons

Prerequisite Knowledge:

- Knows/Need to know about how what plants look like help them survive and grow
- How to write a narrative

Lesson Summary (5-7 sentences):

- Think-Pair-Share how what plants/animals look like, physical adaptations, help them survive and grow.
- Collect some leaf/seed from three different plants to for discuss how the hard shell of an acorn, for example, protects the seed.
- Students order each other's leaves in length measure one-two leaves with the third
- Students will trace and record their findings in their journal.
- Students find a successful space to write and illustrate a narrative Writing and illustrating a narrative in journals.

Map of Trail (if zone specific):

All zones