

First Grade 2020 Science Unit # 5 Living Things and Their Young

Content Area: **Science**
Course(s): **Science 1, Generic Course**
Time Period: **Marking Period 3**
Length: **Approximately 6-8 weeks**
Status: **Published**

Established Goals/Standards

CAEP.9.2.4.A.2	Identify various life roles and civic and work - related activities in the school, home, and community.
1-LS1-2	Read texts and use media to determine patterns in behavior of parents and offspring that help offspring survive.
1-LS1-1.LS1.A	Structure and Function
1-LS1-2.LS1.B	Growth and Development of Organisms
1-LS3-1	Make observations to construct an evidence-based account that young plants and animals are like, but not exactly like, their parents.
1-LS3-1.LS3.A.1	Young animals are very much, but not exactly like, their parents. Plants also are very much, but not exactly, like their parents.
1-LS3-1.LS3.B	Variation of Traits
1-LS3-1.LS3.B.1	Individuals of the same kind of plant or animal are recognizable as similar but can also vary in many ways.

Essential Questions

- How are adult plants of the same kind alike and different?
- How are body features of young animals and their parents alike and different?
- How can you decide if two animals are the same kind?
- How can you use an animal's body coverings to match it to its young?
- How do animals look like their parents as they grow?
- How do animals take care of their young?
- How do plants look like their parents?
- How do young and old plants look like their parents?
- How do young plants and parent plants alike and different?
- What behaviors do young animals exhibit to find food.
- What do young animals learn from their parent?

Enduring Understanding

- Adult plants of the same kind can have different heights and colors. The leaves usually have the same shape but can be different sized.

- Animals and their young have the same type of body covering. This is a pattern.
- Animals care for their young in different ways. Many animals help their young survive. Some may carry their young. Animals give their young what they need to live and grow.
- Most young plants have parts that look like the parts of their parents. The leaves may have the same shape. But the young plants may have smaller or fewer leaves.
- They have the same body parts and the same type of body covering.
- Young animals and their parents often have the same body parts.
- Young animals are smaller than their parents. They will grow to look like their parents.
- Young animals are very much, but not exactly like, their parents. Plants also are very much, but not exactly, like their parents.
- Young animals learn behavioral patterns to find food and stay safe.
- Young animals show behaviors to their parents when they are hungry like making a noise or answering a parents call by calling back to them. This is communication.
- Young plants may look different from the parent plants. But they will grow to look like the parent plants.

Content

Student will be able to:

- look at the similarities and differences between adult plants and their young
- discuss how the transfer of traits from parent plants to their young results in plants that look alike
- focus on the similarities and differences between animals and their offspring
- explore how animals change as they grow and observe patterns in these changes
- compare parts of young animals and their parents through a hands-on activity
- compare and contrast coverings of young and adult plants
- focus on patterns in behavior of parents and offspring that help them survive
- explore how animals take care of their young
- describe behavioral patterns of parents and offspring that help offspring get food
- discover how animals teach their offspring to get food and stay safe

Assessment

End of Unit Assessment given by printed version or online version using the following:

teacher Assessment book

HMHCO.com online assessments

Also, assessments given throughout each unit using self checks, unit reviews at end of each unit in student workbooks, during labs.

Resources

HMC Science Dimensions Teacher's Guide

HMC Non-Fiction leveled readers

Science kits materials for Units 1-6

HMC Science Dimensions Student workbooks

HMC online component for students and teachers (ED) (HMHCO.com) which includes online version of units, videos, assessments, downloadable worksheets, projects, and hands-on activities.

Teacher Assessment Book (also on HMHCO.com)

Evidence Notebooks

You Tube

Mystery Science

Science Spin

Non-Fiction Books from school library

Scholastic News First Grade Level

Mailbox Magazine activities

Teacher's Helper activities

weekly STEM activities

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