

Subject: Science

Grade Level: 2

Length of Study: 4th nine weeks

Big Ideas/Essential Questions: Life Cycles

(What students should understand)

How are humans alike or different from animals?

Do all life cycles begin the same way?

What are ways you have changed from birth?

How are insects important to the world?

How are you like/dislike your parents?

How are you like your relatives?

Essential Skills & Concepts:

(What students should be able to do)

Objectives to drive mini-lessons

Understand animal life cycles.

2.L.1.1 Summarize the life cycle of animals including:

- Birth
- Developing into an adult
- Reproducing
- Aging and death

2.L.1.2 Compare life cycles of different animals such as, but not limited to, mealworms, ladybugs, crickets, guppies or frogs.

Remember that organisms differ from or are similar to their parents based on the characteristics of the organism.

2.L.2.1 Identify ways in which plants and animals closely resemble their parents in observed appearance and ways they are different.

2.L.2.2 Recognize that there is variation among individuals that are related.

Suggested Materials:

Venn Diagrams

4-H embryology project

Butterfly kit

Mealworms

Ladybug kit

Science A-Z

Tadpoles

Cricket

Coretta

The Butterfly Garden

From Seed to Plant

Youtube.com

Life Cycle books

Various plants and seeds(predict what they are like)

Assessments:

Content writing on shared drive

Venn Diagram to compare 3 animals

Observation journal

Label

Corolla Wildlife Center

Jack's Hair(3D)