

# Pre-K 2020 Unit #4: Science - Awesome Animals (PK)

Content Area: **Science**  
Course(s): **Pre K**  
Time Period: **Marking Period 2**  
Length: **4 Weeks**  
Status: **Published**

## Established Goals/Standards

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Please choose the appropriate Goals/Standards from the Standards tab above.

SCI.PK.5.3.1	Investigate and compare the basic physical characteristics of plants, humans, and other animals (e.g., observing and discussing leaves, stems, roots, body parts; observing and drawing different insects; sorting leaves by shape; comparing animals with fur to those with feathers).
SCI.PK.5.3.2	Observe similarities and differences in the needs of living things, and differences between living and nonliving things (e.g., observing and discussing similarities between animal babies and their parents; discussing the differences between a living thing, such as a hermit crab, and a nonliving thing, such as a shell).
SCI.PK.5.3.3	Observe and describe how natural habitats provide for the basic needs of plants and animals with respect to shelter, food, water, air, and light (e.g., digging outside in the soil to investigate the kinds of animal life that live in and around the ground or replicating a natural habitat in a classroom terrarium).
SCI.PK.5.3.4	Observe and record change over time and cycles of change that affect living things (e.g., monitoring the life cycle of a plant, using children's baby photographs to discuss human change and growth, using unit blocks to record the height of classroom plants).
SCI.PK.5.5.1	Identify and use basic tools and technology to extend exploration in conjunction with science investigations (e.g., writing, drawing, and painting utensils, scissors, staplers, magnifiers, balance scales, ramps, pulleys, hammers, screwdrivers, sieves, tubing, binoculars, whisks, measuring cups, appropriate computer software and website information, video and audio recordings, digital cameras, tape recorders).

## Essential Questions

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Please add your Essential Questions by clicking on the Lists tab above.

- How do magnifying glasses help scientists?
- What are the differences between baby animals and grown animals?
- What are the different characteristics of bugs?
- Where do animals live?

## Enduring Understanding

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Please add your Enduring Understandings by clicking on the Lists tab above.

- Animals live in all different types of habitats
- Magnifying glasses help a scientist see small things better by making them look bigger

- Some baby animals look like their parents and some do not
- Some bugs have wings, different amounts of legs, etc.

## **Content**

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Students will be able to:

- Explore living things
- Understand basic needs
- Discuss living and non living things
- Investigate the environment
- Organize information
- Learn about the animal life cycle

Vocabulary:

- characteristics
- habitat
- protect
- collect
- need
- change
- grow

## **Resources**

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Please add your Resources by clicking on the Lists tab above.

- Bugs! Bugs! Bugs! by Bob Barner
- Butterflies by Gilda Berger
- Science Poster 7
- Science Poster 8