




2018



# The Amazing Reggie



Our Pet in the Classroom!  
By: Mrs. Holley's 2<sup>nd</sup> grade  
class



# Objective:

The students will research to gain knowledge about our bearded dragon, Reggie. They will use this information to give presentations the kindergarten students.

**Teacher:** Jennifer Holley

**Grade:** 2<sup>nd</sup> grade

**Subject:** Science/ELA  
writing/speaking

**Materials:** computer with internet access, paper, pencils, various insect species (Reggie's food,) hand sanitizer, and Reggie!



# Standards Covered

This lesson is cross-curricular, with standards in both science and ELA (writing.)

## CCSS:

### Science:

- 2.L.1.1-Understand animal life cycles
- 2.L.1.2- compare life cycles
- 2.L.2.1-Remember that organisms differ from or are similar to their parents based on the characteristics of the organism

### ELA/Literacy:

- W.2.5- With guidance and support from adults and peers, focus on a topic and strengthen writing as needed by revising and editing.
- W.2.6- With guidance and support from adults, use a variety of digital tools to produce and publish writing, including in collaboration with peers.
- W.2.7- Participate in shared research and writing projects (e.g., read a number of books on a single topic to produce a report; record science observations).

## NGSS/ TEKS:

### TEKS

- SCl: 2.9a,b,c- basic needs of living things, temperature and environment, food chains.
- SCl: 2.10a,b- physical characteristics and life cycles
- SCl: 2.4- investigation,
- SCl: 2.2 a,b,e -observations, organisms, communication
- ELA: 2.27- Research/Organizing and Presenting Ideas. Students organize and present their ideas and information according to the purpose of the research and their audience. Students (with adult assistance) are expected to create a visual display or dramatization to convey the results of the research.
- ELA: 2.29- Listening and Speaking/Speaking. Students speak clearly and to the point, using the conventions of language. Students continue to apply earlier standards with greater complexity. Students are expected to share information and ideas that focus on the topic under discussion, speaking clearly at an appropriate pace, using the conventions of language.
- ELA: 2.30- Listening and Speaking/Teamwork. Students work productively with others in teams. Students continue to apply earlier standards with greater complexity. Students are expected to follow agreed-upon rules for discussion, including listening to others, speaking when recognized, and making appropriate contributions.

### NGSS:

- 2-LS4-1. Make observations of plants and animals to compare the diversity of life in different habitats.

# Animal Needs

## Procedure:

The students worked in groups to research using the internet to discover Reggie's needs. They then had to write notes, and a presentation to give to our class.

Next, they used the constructive criticism received in class to make improvements to their presentation.

Finally, they were confident to present to the kindergarten students. They also answered questions from the kindergarten students and their teachers. This allowed them to really show what they learned!

**Students presenting Reggie's temperature, light, and environment needs to kindergarten students.**

# Life Cycles:

## Procedure:

- The students will work in groups to research information about Reggie's insects (food.) The students will then write a research paper to present to the kindergarten students.
- The students will have a firm understanding of the life cycles and needs of the darkling beetle and dubia cockroach.
- The students will be able to answer questions from the kindergarten class as well as the kindergarten teachers.

**Students demonstrate the different stages of the life cycle of the darkling beetle. "This is the superworm (larvae) that Reggie eats".**



# Grading Rubric:

## Evaluation:

The students will produce a revised and edited final draft report on their given topic. The students' presentation is grading based on this rubric.

Success Criteria	Level 1	Level 2	Level 3	Level 4
Expresses information concerning Reggie's care and needs				
Expresses information concerning life cycles and needs of insects				
Revises and edits written report				
Communicates research information clearly and correctly				
Collaborates with group to achieve a common goal				

Level 1: Little evidence of meeting success criteria; 2: Meets some; 3: Meets most; 4: Meets all or exceeds

# Resources

**Life Cycle of the Darkling Beetle:**

<http://arachnoboards.com/gallery/superworm-life-cycle.48994/>

**Information about dubia cockroaches:**

<https://dubiaroachdepot.com/guidance>

**Excellent resource for bearded dragons:**

<http://www.bdogroup.org/>

**Reggie is more than a pet, he is part of our family!**

