

Bearded Dragon SIOP Lesson Plan

Grade/Class/Subject: Mrs. Heim 6th Grade / ELA & Science (Cross-Curricular)

Content Objectives:

SWBAT: Research information about bearded dragons using different types of technology.

SWBAT: Observe classroom bearded dragon and document observations.

SWBAT: Share research with fellow classmates (Presentations)

Language Objectives:

SWBAT: Read/research information on acceptable websites, lists, and books .

SWBAT: Write down facts, record observed information, and document changes found while observing class pet-bearded dragon.

SWBAT: Students will watch and listen to 2 short Youtube videos about Bearded Dragons.

SWBAT: Visually observe classroom bearded dragon's behaviors, patterns, habitat, etc..

SWBAT: Orally share their research and observations with class.

Key Vocabulary:

Bearded Dragon, native habitat, microscopes, pamphlet, UVA/UVB/Heat lamps, substrate, Australia, observation, document, responsibilities, behaviors, patterns

Materials:

Document camera, projector, laptops, microscopes, paper, pencil, observation logs, research outline, poster board, food list, bearded dragon pamphlets, classroom pet bearded dragon, ruler/measuring tape, arts and craft material and maps.

Essential Questions:

What is a Bearded Dragon?

What is a Bearded dragons native habitat?

What do Bearded Dragons eat?

How long do they live?

How big do bearded dragons get?

What materials do you need to have one as a pet?

What are some important things we need to know in order to keep a pet bearded dragon in the classroom?

What are some responsibilities classmates will need to know and do in order to keep our bearded dragon safe and healthy?

Anticipatory Set (building background):

Teacher then asks the class "How many of you have a pet or had a pet in the past?"

Teacher will lead a brief discussion about their experiences and how they feel about having or not having a pet. Teacher will then ask how many have had a reptile at a pet? and again have students briefly discuss how they feel and their experiences.

Next, the teacher will show the class 2 short Youtube videos about Bearded Dragons. This will get the attention of the students. When the video is over, students will be introduced to the class Bearded Dragon.

The teacher will explain that the class will be learning all about bearded dragons in order to be able to properly take care of their new class pet. Some students will be very excited and other not so much. Teacher will explain that by learning everything we can about bearded dragons, we may change our minds about how feel and ask that everyone keep an open mind.

Introduce the activity_ Lesson focus (Teacher Modeling):

Teacher will explain that students will be placed into 6 groups of 5. Each group will have a topic about bearded dragons and they will have to do research and make observations using the class bearded dragon. The teacher and her co-teacher will model how and where students will complete their research. Each group will have an assigned time to work with the class bearded dragon. One of the teachers will oversee this task.

Group 1: What is a bearded dragon?

-Describe characteristic

Group 2: What is a Bearded dragons native habitat?

-Describe the country they originate from and their surroundings

Group 3: What do Bearded Dragons eat?

-Create a list of foods that are good and a list of foods that are bad (Types of insects, vegetables, fruits, etc..)

Group 4: How long do bearded dragons live for in the wild and in captivity?

-Explain the differences and why if there is a difference between age in captivity verses wild.

Group 5: What are some important thing we need to know in order to keep a pet bearded dragon in the classroom?

-Create a list of important materials needed to have a bearded dragon as a pet in the classroom

Group 6: What are some responsibilities classmates will need to know and do in order to keep our bearded dragon safe and healthy?

-Create procedures and rules for classmates to abide by in order to keep the bearded dragon safe and healthy.

Over the summer, the teacher took pictures of the bearded dragon to capture personality, physical changes and to document his first month. She also kept the bearded dragon's first shed skin.

Every group will get a chance to observe the skin under a microscope, observe the bearded dragon being fed crickets and vegetables in his habitat for ten minutes and record their observations.

The teacher will measure the bearded dragon modeling how to hold him properly. Eventually, students will be assigned jobs to feed and clean the bearded dragons habitat.

Guided Practice:

Direct the students to start the activity.

Teachers will help each group get started and answer any questions

1. Students will have certain locations in the classroom to report to and work in their group to complete their objective.
2. Students are given many options to how they would like to record and present their information. They can use poster board, powerpoint, arts and crafts, as well as approved items by the teacher that students may think of.

Independent Practice:

Students will have 45 min. to work in groups to gather their information and prepare for it to be presented. Presentations will be completed the next day.

Review / Assessment

Students will present their objectives the next day. Students will be required to take notes during each presentation. After the presentations, a worksheet with the main questions for each group will be presented and students will complete this. Students will be allowed to work with each other. It is important that students learn to collaborate and work with each other to complete a common goal. Teachers will rotate through the class to make sure students stay on task and are working together - not copying each others work.

After this is complete, the class will enjoy a book read aloud by the teacher:

The Wisdom of Iggy: The Tale of a Bearded Dragon by Sherry Brosnahan and Bruce Curtis

**This bring the activity/lesson to and end and introduces the next big project. Creating a book about the Xerxes (our bearded Dragon). Students will document behaviors, take pictures, measurements, and write about experiences, in which everything will be compiled into a book to be published through <http://www.studenttreasures.com/>.