

Opening Activity for Frogs and Toads- 5E Lesson Plan

Story time

Teacher:

Date:

Subject area / grade level: Science / 6th grade

Materials: Story books of frogs either gathered by the teacher or the students. Attached worksheet for children to fill out about their book. At least enough fact books about frogs and toads for the students to work in groups.

Standard: **Ecology (Life Sciences)**

5. Organisms in ecosystems exchange energy and nutrients among themselves and with the environment. As a basis for understanding this concept:

d. Students know different kinds of organisms may play similar ecological roles in similar biomes.

Lesson objective(s):

Students will understand that frogs and toads play an important role in our world and will demonstrate their understanding through the worksheet.

Differentiation strategies to meet diverse learner needs:

The teacher can select different levels of books about frogs and toads so that all children will have a book that will be both challenging and rewarding.

ENGAGEMENT

- To gain the student's interest the teacher should select a frog or toad book and read it to the class.
- After reading the book the teacher should talk about the frog or toad that was in the story and ask students to think about what they know about frogs and toads and compare it to the book. An example question could be- What do frogs and toads eat? Did the frog or toad in the story eat the same thing?

EXPLORATION

- Students will be given the task of finding their own frog or toad story. This can be done either as a class or on their own time. Also in some cases teachers may want to plan a trip to the library, or bring a good supply of frog and toad books to class.
 - Have each student or group of students read their chosen book.
 - After they have read their book then give them the worksheet to fill out.
- Ask the student's to focus their reading on the characters that are frogs and toads from the story. Ask them to think about what they are reading and if it may resemble a real frog or toad.
- This activity can also be done with non-fiction books.

EXPLANATION

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- Once the students have read their story book, then provide them with a fact finding book about frogs and toads. Allow them time to compare the two books. They do not have to read the whole fact book, but direct them to look at the areas where they had questions. Like maybe they did not know what frogs eat, so have them look it up in the fact book.
- Ask them
 - Did the character in your book eat the same things?
 - Did the character in your book walk/ hop on two legs or four?
 - How else was the character in your book different?
 - How was the character in your book similar?

ELABORATION

- Have the students reevaluate what they wrote about their character on the worksheet. Ask them to on a separate sheet of paper write down anything they learned about frogs and toads. Finally ask them to think if frogs and toads play the same role their habitat.
- As a class have student's discuss their findings. As students express their observations about teeth and food and so on write down on the board the correct terms. Like "teeth as dentition". Have the students write down the words as you go on their own paper.
- Students should be ask questions about the frogs and toads in their own life. "Do they ever hear them at night?" or "See them when it is raining?"

EVALUATION

- Students will show that they have learned the lesson objective through their class discussion, small group work, work sheet, and additional separate piece of paper. Also They will be able to reference their knowledge base when the frog or toad visits the class. At that point the teacher can reference the knowledge again, that has been addressed in this lesson.

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Name: _____

Date: _____

After reading your story answer the questions on this sheet to the best of your ability. Once done answering the question get a fact book from the teacher and go over the differences between the character from your story and real frogs and toads.

1. Did your story have a frog, toad or both?
2. Did your frog or toad wear clothes?
3. How many legs did your frog or toad walk on?
4. What did your frog or toad eat?
5. How did your frog or toad communicate in the story? Did they speak English?
6. Where did they live and in what did they live?
7. Did your frog or toad have any friends or interactions with other characters? What were they?
8. What was your frog or toad trying to accomplish in the story?
9. Did they have a happy ending or not?
10. What did you like most about the frog or toad in your story?