

7-2-2008

Animals [2nd grade]

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Unit: Animals
Grade: 2

Stage 1: Desired Results

Understandings

Students will understand that...

- *All living things are producers or consumers.*
- *Animals have different external characteristics (structures) that allow their basic needs to be met.*
- *All animals depend upon each other and their environment to survive.*
 - *Animals are either carnivore, herbivore, omnivore*
 - *Know temperature and rainfall of desert, oceans, woodlands, plains or prairie, rain forest*
- *Animals develop and change over time in different ways such as in: color, size, mass, creating sounds, and movement.*
- *Animals usually grow in a predictable way and usually grow to look like their parents.*

Possible misunderstandings or confusions:

- *The arrows in a food chain point in the direction that energy moves.*

Essential Questions

Knowledge & Skill

- 1) What is a producer? What is a consumer?
- 2) How does an animal's external characteristics help it survive in the environment?
- 3) How do animals change in appearance/function/size as the animal grows from one stage to another in its life cycle?

(NEISD scope & sequence; TEKS; Core; etc.)

Review

- *basic needs such as air, water, food and shelter*
- *Animals are living things that have basic needs while non-living things do not have these needs.*

Stage 2: Assessment Evidence

Performance Task:

Sort animals by where they could survive

If animal was placed in different environment, what would it need to change to survive?

Present a project that illustrates: Animals develop and change over time in different ways such as in: color, size, mass, creating sounds, and movement.

Other evidence:

(quizzes, tests, academic prompts, etc.

note – these are usually included where appropriate in Stage 3 as well)

- **Test- 2nd grade Scope and Sequence Assessment**
- **B29 Chart**

Stage 3: Learning Activities

(Steps taken to get students to answer Stage 1 questions and complete performance task)

- Food Chain Line-up, song, WS: What do they eat?
- Why can Ducks Swim, but Chickens Can't? (Investigation)
- Camouflage It..., Animal Mouths
- Unit B Chapters 1 and 2
- Shoebox animal
- Who's in the Egg?
- A Butterfly Grows Up. (A butterfly garden)
- Create a grade level observatory (journal observations).
- <http://www.kidscom.com/games/animal/animal.html>
- Library/Computer research project