

Title: Farm Animal Research

Topic: Farm Animals, Organizing Information

Grade Level: K-1

Academic Standards Addressed:

Language Arts:

- K.I.B.1. See, hear, say and write the basic sounds (phonemes) of the English language.
- K.I.B.2. Match consonant and short vowel sounds to appropriate letters, say the common sounds of most letters, and begin to write consonant-vowel-consonant words.
- K.I.B.3. Identify and name uppercase and lowercase letters of the alphabet.
- K.I.C.1. Demonstrate literal comprehension by asking and answering questions about narrative and informational text.
- K.II.C.2. Use knowledge of basic phonics to spell.
- K.II.D. Standards under this heading may be locally determined.
- K.III.A.4. Communicate needs, feelings and ideas to peers and adults.
- 1.I.B.2. Use descriptive words when speaking of people, places, things, actions and events.
- 1.I.C.1. Demonstrate literal and inferential comprehension by asking and answering questions about narrative and informational text.
- 1.I.D.1. Read from and listen to texts representing a variety of genres (such as poetry, folk tales, drama, fantasy, realistic fiction, informational and biographical texts) from America, as well as from other countries.
- 1.II.C.5. Use correct spelling for grade-appropriate high-frequency sight words.
- 1.II.D.1. Use grade level appropriate reference material to obtain information.
- 1.III.A.4. Communicate needs, feelings and ideas to peers and adults in complete sentences.

Science

- 1.IV.D.1. The student will describe ways in which many plants and animals closely resemble but are not identical to their parents.

Outcomes: (Students will be able to...)

- 1) formulate questions.
- 2) find information about animals through the use of books and or websites.
- 3) record and organize gathered information through the use of a concept map.
- 4) compare/contrast different farm animals based on other student's research.

Materials:

- A variety of nonfiction books
- Computers with intranet access
- Black/white board or chart tablet
- Animal Inquiry Map (attached)
- Scissors
- Glue
- Large sheets of paper

Safety: When using the intranet, always monitor students to make sure they are only visiting school appropriate sites.

Procedures:

- 1) Ask students to give a list of farm animals, recording answers on the board (or chart tablet). When they have given a few, ask them what they know about those animals. Record this information below the respective animal title (try not to correct errors. Have students look through a variety of nonfiction books or websites to find an animal that interests them. This selected animal will be their topic for further study.
- 2) Assemble children once again around the board (or chart tablet). Ask them what they want to know about the animal they have chosen. Once you have acquired a good size list, star the items that are general enough to include for all chosen animals.
Ex: What animals look like, what it looked like when it was a baby, where its home is, what it eats, etc.
- 3) Have students complete the Animal Inquiry Map sheets.
- 4) Students can cut and paste the individual Animal Inquiry Map sheets to combine on a larger sheet of paper, making a large concept map.
- 5) Bring the students back together around the board (or chart tablet). Have students informally share what they learned. Encourage students to compare/contrast with other students chosen animals. Check to make sure “known” material, from the original list, was factual.

Adaptations: Place students in groups, each individual in the group can tackle one of the topics. The students can then gather and share the information they have found about a shared animal.

Extensions: Have students write a research paper to show what they have learned through their research.

Attached Handouts: Animal Inquiry Map

References:

Kathy Goins – Kindergarten Research Activity

<http://www.readwritethink.org/files/resources/interactive/animal-inquiry/>











