

Integrated Technology Lesson Plan First Grade

Team Member: Kelli Leep

Content Area Targeted: Language Arts & Science

Grade level: First Grade

Content Standards: Language Arts Outcomes- Reading 1:1- 1:7
Research 1:16, 1:17 Writing 1:10-1:13
Science Outcome 1:2

Technology Standards: Technology Outcomes 1:1-1:7, 1:9-1:14

Cognitive Processes Addressed: Knowledge, Comprehension, Application, Analysis, and Synthesis

Optimal Group Size: 1-2 kids per computer (Individual to small group)

Suggested time frame: One day to one week depending on student work habits and access to computers

Activity Format: At the beginning of the project the class will discuss the vertebrates- mammals, birds, and fish. TLW research an animal that is from the topic he/she is given. The students will be assigned one of the three topics mammals, birds, or fish. The class will be split evenly into the 3 topics. The research will include a variety of non-fiction reading sources and information on the internet. TLW then create a rough draft of their research. TLW create a picture (using Kid Pix/Claris Works for Kids or other drawing/writing programs) of his/her animal. The picture will be done at the top of the page to leave room for the writing. (Optional- other pictures may be brought in for their page using the internet, Kid Pix libraries, scanner, or digital camera, etc.) TLW edit his/her rough draft, making sure that they are using complete sentences, proper punctuation, capitalization, look at spelling (may use spell-check program when typing in computers.) TLW type the research at the bottom of

his/her page. When the typing is complete, TLW record his/her voice, stating name and reading his/her research orally. When everyone is finished the projects will be put into a slide show format.

Equipment & Software needed: Research Materials-books, Mac computer/internet Kid Pix Studio (Claris Works/ HyperStudio or other writing/drawing programs)

Evaluation: Observation of student during the making of their project to determine how they went about choosing their research materials. The completed project will be desired outcome. The project will show the knowledge of science requirements.

Description: TLW research an animal from the vertebrate group (mammals, birds or fish.) TLW edit their research, type it in to the computer, and create a picture of the animal to go with it. The finished products will be put into a slide show presentation.

Teacher Tips: You can do a search for good sites, but here are a few good sites to get you started. American Zoo and Aquarium Association- <http://www.aza.org> , Bioinfo Animal Pictures Archive- <http://bioinfo.kordic.re.kr/animal/> , Chaffee Zoological Gardens of Fresno- <http://www.chaffeezoo.org/> , Electronic Zoo- <http://www.netvet.wustl.edu/e-zoo.htm> , Sea World/Busch Gardens- <http://www.seaworld.org> , Smithsonian's National Zoological Park- <http://www.si.edu/natzoo> , <http://www.zoo.web.com> , <http://netvet.wustl.edu/e-zoo.htm>