

LESSON PLAN-LIFE SCIENCE 7TH GRADE “Pets in the Classroom” summer 2018

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(using live animals within the classroom ie: Aquarium)

UNIT: Classification of Living Things

Standards: Classify plants and animals into groups according to their features.

8.5.2 Infer the relatedness of different organisms. 8.5.3 Use a simple classification key to identify an unknown organism. 8.5.4 & Determine the genus and species of an organism using a dichotomous key. 8.5.5 Infer that human activities may be helpful or harmful to the environment.

8.10.5 SC.D.1.3.2: The student knows that over the whole Earth, organisms are growing, dying, and decaying as new organisms are produced by the old ones.

SC.D.1.3.3: The student knows how conditions that exist in one system influence the conditions that exist in other systems. SC.D.2.3: The student understands the need for protection of the natural systems on Earth.

SC.F.1.3: The student describes patterns of structure and function in living things.

SC.F.1.3.1: The student understands that living things are composed of major systems that function in reproduction, growth, maintenance, and regulation.

Objective- Students will identify various forms of life, plant/animal, classify according to traits and characteristics using references (internet, books, text) and describe their roles in their ecosystems.

VOCABULARY-*Classify, genus, species, habitat, population, community, phylum, organism, factors*

Activity: Located in the classroom, are wall paintings of animals and plants, models of different animals, and an aquarium of live fish and artificial plants depicting an underwater habitat. Students in groups, with their journals, move around the room, drawing, describing and gathering information about the various types of life found in the classroom. Once they have chosen their (10) organisms, they begin their research at their group desk to classify the plant/animals according to (Background information), notes, and internet research.

Teacher direction- teacher points out the various organisms, including describing the aquarium and its uniqueness to the class environment. Pointing out the several different types of fish and plant life within the water habitat.

ASSESSMENT- Students share their researched information with the class from their journal notes, as well as present an illustrated, descriptive poster on 1-2 of their chosen animals with complete classification and habitat.

ESE/ELL- extra time, peer group assistance, visuals, hands on, lessened note taking.