

MAC AG – VENTURES & YOU

2ND GRADE – SCIENCE STANDARDS

(Choose one from the following lessons)

1. Lesson: **Arizona Water Science Journey** – students take on the role of a water molecule and actively engage in the **Water Cycle Journey** as they move through the nine stations where water is found in nature (clouds, soil, ground water, plants, animals, glaciers, oceans, lakes, and rivers).

STRAND #5/ PROPERTIES OF OBJECTS AND MATERIALS

Concept 1 – Classify objects in terms of measurable properties (length, volume, temperature)/ P02 classify materials as solids, liquids, or gasses.

Concept 3 – P03 Identify the types of clouds (cumulus, stratus, and cirrus)

2. Lesson: **Earth as an Apple** - Presenter demonstrates land use by cutting an apple into slices. Students realize how small and precious available land is for the growth of our food and the nourishment of our world’s population of six billion+. Also included is a craft making experience whereby students put together an **Ag-Venture Bracelet** with different color beads that help them learn and remember what plants need to grow.

STRAND # 4/ GEOGRAPHY

Concept 4 – P01 Discuss housing and land use in urban and rural communities.

P03 Discuss the major economic activities and land use (agricultural, commercial of areas studied).

3. Lesson: **Amazing Corn, It’s Everywhere!** – Presenter discusses the history of corn from the early American colonists and Native American groups to today. Props and display items help tell the story of one of our most important crops.

STRAND #2/ EARLY AMERICAN HISTORY

Concept 4 – P01 Recognize that American colonists and Native American groups lived in the area of thirteen colonies that were ruled by England

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- 4. Lesson: Nutrition Ag – Venture** – Students learn how the food we eat comes from a farm as they observe a presenter putting together a pretend pizza with fake food items. They learn how each of the 12 items of the pizza comes from a farm.

STRAND #4/ GEOGRAPHY

Concept 4 – P01 Discuss housing and the land use in urban and rural communities.

P03 Discuss the major economic activities and land use (agricultural, commercial of areas studied).

Registration: \$40.00 per class (25-30 students), 45 minute in-class lessons

Contact: Victor Jimenez or University of Arizona MAC Farm Ag – Ventures

Cell: (480) 620-8633

Email: vicjimenez@yahoo.com

MAC: (520)374-6216