

MAC AG – VENTURES & YOU

6TH GRADE – SCIENCE STANDARDS

(Choose one from the following lessons)

1. Lesson: **Arizona Water Science Journey (I)** – 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 / EARTH AND SPACE SCIENCE

Concept 1 – Describe the interactions between the structure of the earth and its atmosphere/ P04

Concept 2 – Earth’s processes and systems – Understand the processes acting on the earth and their interaction with the earth systems/ P01 Explain how water is cycled in nature/ P02 Identify the distribution of water within the atmosphere.

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2. Lesson: **Arizona Water science (II) / Roles of Dams** – Students learn, build, and understand the role of dams in water conservation, distribution, and the prevention of flooding.

STRAND #3 / SCIENCE IN PERSONAL AND SOCIAL PERSPECTIVES

Concept 1 – Changes in the environments/ P02/ Response to natural disasters, drought, flooding, and tornadoes.

Concept 2 – Science and technology in society/ P02, P03

STRAND # 4 / TRANSFER OF ENERGY

Concept 3 – Understand that energy can be stored and transferred/ P01 / Identify ways in which electrical energy is generated using renewable resources (dams).

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

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