

# MAC AG – VENTURES & YOU

## 5<sup>TH</sup> GRADE – SCIENCE STANDARDS

(Choose one from the following lessons)

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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 #4 / GEOGRAPHY

Concept 3 – Physical systems – Physical processes shape the earth’s distribution of resources and economy.

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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. Students learn how Arizona water is utilized to meet the needs of our state’s population.

STRAND #4 / GEOGRAPHY

Concept 5 – Environment and society. P02 – Describe the impact that natural events (floods, earthquakes, droughts) have on environments.

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3. Lesson: **What is a Fruit / What is a Vegetable?** – Students are given display fruits and vegetables and are asked to identify and classify them. They also learn about structures in plants (roots, stems, leaves, flowers). Also includes **Ag-Venture Plant Bracelet** Craft – Depicting what plants need to grow.
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**Registration:** \$40.00 per class (25-30 students), 45 minute in-class lessons

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