Sustainability Education at the Springs Preserve: Broad Strokes and Targeting Standards

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Abstract

Sustainability is a rather unwieldy and challenging area in education. From the broad but vague concepts defining it, to the innumerable sectors of human activities in which it applies, learning about sustainability is at the same time wonderfully simple and terrible complex. This presentation will introduce the participants to some of the approaches taken at the Springs Preserve to make learning about sustainability an engaging experience that will impact future behavior.
Sustainability Education

- Nevada State Standards
- Water
- Energy/Pollution
- Materials/Resources/Waste
- Activities
Standards & Activities

- Awareness
- Information
- Meaning through dialog
- Caring
- Stewardship

- English Language Arts
- Mathematics
- Science
- Social Studies
- History
Water (1)
Water (2)
Energy (2)
Materials (1)
Materials (2)
Activities

Grade K-2
• Pre-visit 1: Green art
• Pre-visit 2: Second chances
• Post-visit 1: Now what?
• Post-visit 2: Eco home

Grade 3-5
• Pre-visit 1: Greening your lunchroom
• Pre-visit 2: Cracking the code
• Post-visit 1: Now that you know
• Post-visit 2: Green Day

Grade 6-8
• Pre-visit 1: Ecological foot print
• Pre-visit 2: Create your own rainwater harvesting system
• Post-visit 1: I can make a difference
• Post-visit 2: Become an environmental steward

Grade 9-12
• Pre-visit 1: Ecological footprint
• Pre-visit 2: Water use inventory
• Post-visit 1: Energy use inventory
• Post-visit 2: The Doomsday project