

Learning Activity Template

Title: The Water Cycle

Curriculum: Science

Grade-Level Span: 4

PURPOSE:

Students will research and describe the water cycle involving the processes of evaporation, condensation, precipitation and collection.

DESCRIPTION:

Students will explain how the water cycle occurs through the use of experiment and a digital picture mural.

ACTIVITIES	CURRICULUM STANDARDS	NETS PERFORMANCE INDICATORS
1. Students research the water cycle using the internet using the web sites cited below.	Earth and Space Science	Technology research tools
2. Students conduct experiment that demonstrates how the water cycle works. Experiment: Have each student supply their own plastic salad container from a fast food container or some similar clear plastic container. (A ziplock baggie will work if there are not enough salad containers available.) Students assemble a terrarium by putting about an inch of soil in the bottom of their plastic container, planting a seed according to the package instructions, and giving a thorough soaking of water. Put in sunny window, close the lid and observe. 3. Students should record observations daily and record.	Earth and Space Science	Technology research tools
4. Teacher and student groups will work together to create a digital picture mural that depicts the process of evaporation, condensation, precipitation, and collection.	Earth and Space Science	Technology Productivity tools
5. Groups will present murals to classmates and explain the process of how it occurs in nature.	Earth and Space Science	

TOOLS AND RESOURCES:

(List all Web sites, specific software and hardware, and other needs.)

www.k12science.org

www.enchantedlearning.com

ASSESSMENT:

(How will you assess the students' learning? If you have a rubric, record it here. Be as specific as possible.) Students will demonstrate understanding by accurately describing the 4 parts of the water cycle process and its role in nature.

CREDITS (INCLUDING CONTACT INFORMATION):

(Record the names and e-mail addresses, if possible, of those who contributed to the development of this learning activity.) Carrie White, Jennie Maine, Terri DeMenge, and Sue Staum

COMMENTS:

(Have you taught this learning activity before? What are the great ah ha's/experiences you had?)

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