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The Water Cycle

Science

Grades 1-3

Description: Students will use Kid Pix to illustrate the water cycle. They will be expected to type in key vocabulary words correctly. The words will be given to the students on a reference card. This will be an assessment at the end of the unit.

Curriculum Benchmarks:

NETS #3

- Students will use technology tools to enhance learning, increase productivity, and promote creativity.
- Students will use productivity tools in constructing technology-enhanced models, prepare publications, and produce other creative works.

Science Benchmarks

- SCI.IV.2.E.1 – Describe common physical changes in matter – size, shape, melting, dissolving and evaporating.
- SCI.V.2.E.2 – Trace the path that rain follows after it falls.

Materials Needed:

- Kid Pix 3 by Broderbund
- Vocabulary sheet

Teacher Preparation

The following things will be done prior to the assessment.

- The teacher will read The Magic SchoolBus at the Waterworks by Joanna Cole and discuss it with the class.
- The class will learn the water cycle song. (attached)
- Read pages E38-E44 in the student science text and discuss. (Harcourt Science – Grade 2)
- Students will complete worksheets - attached
- Use Discovery Works - Earth's Water CD by Silver Burdett Ginn and do Investigation 1 – What Goes Around with the class.

Student Preparation:

- Students need to be introduced to Kid Pix 3 (text boxes, backgrounds, graphics, and stamps)
- Students need to know how to save files in the “h” drive
- Students need to know how to open saved files

Activities/Procedures:

- Students will do the above activities first.
- Students will use Kid Pix to create the water cycle.
- Students will need to type in the following vocabulary words correctly and place them in the correct location on their picture.

precipitation condensation evaporation

Assessment / Evaluation:

See attached rubric

Follow-up Activities:

The students pictures will be posted on construction paper and hung in the hallway for display.

Water Cycle Song (to the tune of She'll be Coming' Round the Mountain)

Water travels in a cycle, yes it does.

Water travels in a cycle, yes it does.

It goes up as evaporation,

Forms clouds of condensation,

Falls down as precipitation,

Yes it does!

The Water Cycle

Name

Cut out the sentence strips and glue them in the correct order.

The water droplets become heavy.

As the water vapor rises, it cools down.

The sun heats the earth's water.

The heavy droplets fall to the earth as rain, snow, sleet, or hail.

The warmed water turns into vapor and rises in the air.

In the clouds the tiny water droplets join together.

The tiny water droplets form clouds.

The cooled water vapor forms tiny droplets of water.
