



Unit/Lesson Plan Template

Unit/Lesson Plan Title: Changes During Spring

Subject: Science, Language Arts, Math, Technology

Grade Level: Kindergarten **Length of Lesson:** March 22-26

Unit/Lesson Summary:

In this unit students will study weather and environmental changes in the spring. Children will take pictures with the digital cameras of signs of spring. We will create a slideshow in I Photo with the pictures. Students will be graphing the climate during this unit, along with sequencing the life of a seed to plant. We will participate with various flipcharts from promethean planet and students will take assessment with activities.

Key Vocabulary: weather, rain, spring, bud, blossom, wind, seed, seedling, hibernation, migration, bloom, plant, stem, leaf, root.

Essential Question(s):

How does the weather affect people and animals?

Focus Questions:

How do the animals react to changes in weather and surroundings?

What are the signs of changing weather in the Spring?

What are the changes in our environment and daily weather during Spring?

What tools do we use to measure or record weather?

NCSCOS Essential Standards Addressed in Unit/Lesson:

Science: 2.01 Observe and report daily weather changes throughout the year.

Science: 2.02 Identify different weather features including: Precipitation.

Wind. Temperature. Cloud cover

Science: 1.02 Observe how animals interact with their surroundings.

Science: 2.05 Use common tools to measure weather.

Math: 2.02 Recognize concepts of calendar time using appropriate vocabulary (days of the week, months of the year, seasons).

Math 5.01 Sort and classify objects by one attribute.

LA: 4.06 Write and/or participate in writing behaviors by using authors' models of language.

LA: 4.02 Use words that name and words that tell action in a variety of simple texts (e.g., oral retelling, written stories, lists, journal entries of personal experiences).

LA: 3.02 Discuss concepts and information in a text to clarify and extend knowledge.

S.S.3.03 Observe and summarize changes within communities.

S.S.3.04 Recognize changes in the classroom and school environments.

S.S. 5.02 Create and interpret simple maps, models, and drawings of the home, school, and other environments.

S.S. 5.04 Recognize and explain seasonal changes of the environment.

Tech.1.10 Identify and discuss multimedia terms/concepts beginning, middle, and Tech.end by arranging pictures in linear/sequential order as class/group. (5)

Tech.1.11 Recognize and discuss responsible use of multimedia resources and why it is important as a class. (5)

Tech.1.12 Discuss ownership of created works as a class/group.

Tech.2.04 Use multimedia software to identify and practice letters, numbers, shapes, and colors as a class/group

Materials/ Resources (also list web resources, technology tools and safety requirements):

flipcharts from Promethean Planet, (Spring, Weather)

Books from the Reading Series: Kevin and His Dad, Spring is Here, Hi Clouds, Wind Blows, We play on a Rainy Day, Rain song, Run Jump Whiz, Splash, Rain Talk, What will the Weather be today, Who is in the Garden, Good Morning

Pond, Bugs for Lunch, Mary had a Little Lamb

Seeds, Potting Soil, Cups, Watering Container

Promethean Board, Activotes, Computer, Wand, digital cameras

Procedure:

Weather Flipchart from Promethean Planet, Children will create a slidet in Keynote to show examples of different types of weather. This will be turned into a slide show.

Spring flipchart from Promethean Planet, children will use activotes along with this flipchart.

Activity with plants, sequencing with how plants grow.

Plant seeds and allow children to visully see the changes in plants, Make a list of directions of planting for children to follow,

Graphing the daily weather during the week,

Various Writing Prompts that go along with the Unit.

Create a simple map of animals and the changes in their enviroment from winter to spring.

Unit/Lesson Accommodations for Differentiated Instruction:

Enrichment: Peer Tutoring, Have students take a leadership role during a promethean lesson

Remediation: Small Groups, Peer Tutoring, Manipulatives, Hands on Activities

Cross Curricular Extension: Email art, music, media, and PE teachers to inform them of our unit plans.

Assessments: Rubric on the Keynote flipchart, quiz on the promethean flipcharts using the activotes,

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