

IMPACT Lesson Plan

Grade Level: Kindergarten

Title: Snowmen and Winter Weather

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Main Subject: Science

Key Vocabulary: thermometer, sleet, blizzard, hail, freezing rain

Essential Question: How does weather affect what we do?

NC Standard Course of Study:

Science:

2.01 -Observe and report daily weather changes throughout the year.

2.02 -Identify different weather features including:

- Precipitation.
- Wind.
- Temperature.
- Cloud cover

2.03 -Identify types of precipitation, changes in wind, force, direction and sky conditions.

2.04 -Observe and determine the effects of weather on human activities.

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).

3.01 -Identify, build, draw, and name triangles, rectangles, and circles; identify, build, and name spheres and cubes.

3.03 -Compare geometric shapes (identify likenesses and differences).

4.01 -Collect and organize data as a group activity.

4.02 -Display and describe data with concrete and pictorial graphs as a group activity.

Language Arts:

1.03 -Demonstrate decoding and word recognition strategies and skills:

- recognize and name upper and lower case letters of the alphabet.
- recognize some words by sight including a few common words, own name, and environmental print such as signs, labels, and trademarks.
- recognize most beginning consonant letter-sound associations in one-syllable words.

1.04 -Read or begin to read.

- Read or attempt to read own dictated story.

•Attempt to read/reads simple patterned text, decodable text, and/or predictable texts using letter-sound knowledge and pictures to construct meaning.

3.03 -Associate target words with prior knowledge and explore an author's choice of words.

4.01 -Use new vocabulary in own speech and writing.

4.03-Use words that describe color, size, and location in a variety of texts: e.g., oral retelling, written stories, lists, journal entries of personal experiences.

5.02 -Use capital letters to write the word I and the first letter in own name.

Technology:

1.06 -Identify graphing as a tool for organizing information as a class. Strand - Spreadsheet

1.08 -Identify basic word processing terms (e.g., file, menu bar, cursor, open, save, print). Strand - Keyboard Utilization/Word Processing/Desk Top Publishing

1.09 -Identify and discuss characteristics of multimedia (e.g., text, sound, images, color) as a class. Strand - Multimedia/Presentation

2.01 -Use manipulatives and graphing software to organize and display data as a class. Strand - Spreadsheet

2.02 -Identify, discuss, and use word processing as a tool to enter letters, numbers and words. Strand - Keyboard Utilization/Word Processing/Desk Top Publishing

2.03 -Identify, locate and use special keys (e.g., arrow keys, space bar, Shift, Enter/Return, Backspace, Delete), letters, and numbers on the keyboard. Strand - Keyboard Utilization/Word Processing/Desk Top Publishing

Information Skills:

3.02 -Collect information about diverse cultures, environments, and peoples.

4.05 -Gather information.

4.07 -Organize and use information.

4.09 -Present information in a variety of formats (print, graphical, audio, video, multimedia).

5.01 -Respond to reading, listening, viewing experiences orally, artistically, dramatically through various formats.

5.02 -Produce media in various formats (e.g., pictorial, multimedia).

Procedure:

1. Build their own snow man-construction paper

-Sort by the attribute

2. Take the outside temperature at playtime for five days

-Introduce thermometer

3. Build an online snowman: www.akidsheart.com/holiday/christms/snowmen/.htm.com
Starfall

4. Game: Roll a Snowman

5. Make snow or snowcream

6. Research terminology: snow, sleet, rain, freezing rain, hail, blizzard

-Centers: 2 in a day with template and write a sentence

- Identify the weather type
- Its effect on people
- How it's formed

They will find three facts about weather (written or drawn) in boxes across the middle and the shaded area at bottom will be for sentence. Mrs. Hargett will make this.

-20 minutes sessions to fill out their book

7. Keynote slide show matching picture and write sentence. Mrs. Hargett will create this.
 - Each child will do all 6 types of weather
8. Each child create a Numbers graph with temperature. Mrs. Hargett will create a template.

Cross Curricular Extension:

Enhancements:

Art: Drew winter weather pictures

Assessments:

Checked to see if pictures matched words and sentences in Keynote.

Checked to see if their sentences told correct information about the weather type.