



Weather

Weather patterns, weather conditions, preparing for severe weather

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Grade Level Kindergarten

Subject Science

Essential Question

What is weather and how does weather affect me? Why is it important to know weather patterns?

Summary

Snapshot

Engage-Wear wrong clothes for the weather outside. KWL Chart of Weather (Do K & W and L)

Explore-*Weather Words and What They Mean-* by Gail Gibbons

Look at different weather videos and storm time lapse videos.

What are some things we learned? (L) What are other weather questions you might have?(W)

Explain-What type of weather do we have in Guyton? Think back to our weather predictions each day during our calendar. How do you know what type of weather we will have tomorrow? How do we prepare for the weather that might happen tomorrow?

Prepare an interactive picture sort appropriate for your region for seasonal weather (storms), temp., activities, and clothing.

Students will start with an open card sort

Students will sort cards by season.

Extend-Create a list of questions we want to ask the meteorologist

Zoom or Face to Face with a meteorologist

Share something you've learned or enjoyed (write a sentence, draw a picture, or tell a friend).

Evaluate-Student Made Seasonal Posters-Draw pictures of each season, then put the season in order on a poster.

Standards

Oklahoma Academic Standards (Kindergarten)

K.ESS2.1: Use and share observations of local weather conditions to describe patterns over time.

K.ESS2.1.1: Weather is the combination of sunlight, wind, snow or rain, and temperature in a particular region at a particular time.

K.ESS2.1.2: People measure these conditions to describe and record the weather and to notice patterns over time.

K.ESS3.2: Ask questions to understand the purpose of weather forecasting to prepare for and respond to severe weather.*

K.ESS3.2.1: Some kinds of severe weather are more likely than others in a given region.

K.ESS3.2.2: Weather scientists forecast severe weather so that the communities can prepare for and respond to these events.

Materials

- *Chart paper for KWL chart*
- *Weather Words and What They Mean-* by Gail Gibbons
- Large posters or large construction paper for Seasonal Posters
- Seasons Template
- Weather pictures for picture sort

Engage

Explore

Explain

Extend

Evaluate

Resources

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