

Weather Wonders: Understanding Weather Charts

Objective: Students will be able to identify and describe different types of weather using a weather chart.

Assessment:

Students will create their own weather chart that includes drawings and labels for at least three types of weather (sunny, rainy, snowy, etc.) and present it to the class.

Key Points:

- **Types of Weather:** Sunny, rainy, snowy, cloudy, windy
- **Weather Chart:** A tool to visually represent different weather types
- **Observation:** Learning to observe and describe weather daily
- **Vocabulary:** Weather, chart, sunny, rainy, snowy, cloudy, windy

Opening:

- Begin with a weather song (e.g., "What's the Weather Like Today?") to engage students.
- Ask the question: "What is your favorite kind of weather and why?"
- Allow students to share their thoughts with a partner before sharing with the class.

Introduction to New Material:

- Show a large weather chart with images representing different weather types.
- Explain each type of weather and ask students to share if they have experienced it.
- Discuss the importance of weather in our daily lives (e.g., choosing clothes, planning activities).
- **Common Misconception:** Students may think all weather is the same; clarify that weather changes daily.

Guided Practice:

- In pairs, students will look outside and describe the current weather using a simple chart template.

- Provide examples: "Is it sunny or cloudy? Is there rain or snow?"
- Ask guiding questions:
 - "What do you see in the sky?"
 - "How does it feel outside?"
- Monitor student discussions, providing support and encouraging accurate descriptions.

Independent Practice:

- Students will create their own weather chart on paper.
- Each chart must include:
 - Drawings of at least three types of weather
 - Labels for each drawing
- Set behavioral expectations: students work quietly and respectfully, asking for help when needed.

Closing:

- Gather students in a circle to share one type of weather they included in their chart.
- Discuss how different weather can affect our day-to-day activities and feelings.

Extension Activity:

- Provide additional materials (magazines, scissors, glue) for students who finish early to create a collage of different weather types.

Homework:

- Ask students to observe the weather for a week at home and draw a picture of the weather for each day in a mini weather journal.

Standards Addressed:

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

- **CCSS.ELA-LITERACY.SL.K.1:** Participate in collaborative conversations with diverse partners about kindergarten topics and texts with peers and adults in small and larger groups.