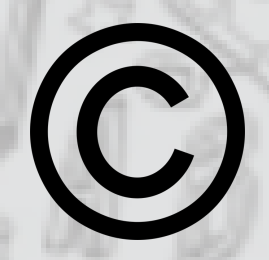




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SCIENCE

1st Grade



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WEATHER

- Some days are hot. Some days are cold. Sometimes, it rains.
- Sometimes it's windy. Weather changes from time to time.



OBJECTIVES



- To identify different types of weather, such as sunny, cloudy, rainy, windy, and snowy
- To observe and describe weather conditions using basic weather vocabulary
- To understand how weather affects plants, animals, and humans





PRE-ASSESSMENT

- Discussion: Begin by having a class discussion about the weather. Ask students to describe different types of weather they have experienced and how it made them feel. This will help to build their vocabulary and understanding of different weather conditions.





PRE-ASSESSMENT

- Observations: Take students outside for a nature walk or observation activity. Ask them to observe the weather and make notes about what they see, hear, and feel. This will help them to develop their observation skills and become more aware of their surroundings.



PRE-REQUISITES

- Thermometer
- Rain gauge
- Anemometer (wind gauge)
- Barometer (air pressure gauge)
- Weather charts or posters
- Weather apps or websites
- Pictures and videos of different weather conditions
- Worksheets or activity sheets for recording and analyzing weather data
- Science journals or notebooks for student observations and reflections.



ACTIVITY-1

Weather Observation Journal:

Objective: To develop observation skills and begin to identify and record different types of weather.

- Distribute the Weather Observation Journal worksheet to each student (attached below)
- Review the different types of weather, such as sunny, cloudy, rainy, windy, and snowy.
- Discuss what each type of weather looks, feels, and sounds like.
- Have students go outside to observe the weather. Encourage them to look up at the sky, feel the temperature, and listen to the sounds around them.



ACTIVITY-1

- Ask students to record the weather for the day in their observation journal. They can draw a picture of the weather and write a sentence describing it.
- Repeat this activity daily for a week, or as long as desired. Encourage students to compare the weather from day to day and look for patterns or changes.
- At the end of the observation period, review the journal entries as a class. Discuss any interesting observations or patterns that emerged, and reflect on what students learned about the weather.



ACTIVITY-1

Today's date is _____.

Draw a picture of today's weather.



Color the pictures that describe today's weather.



sunny



snowy



windy

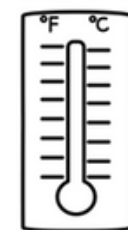


cloudy



rainy

What is today's temperature?



How much did it rain today?





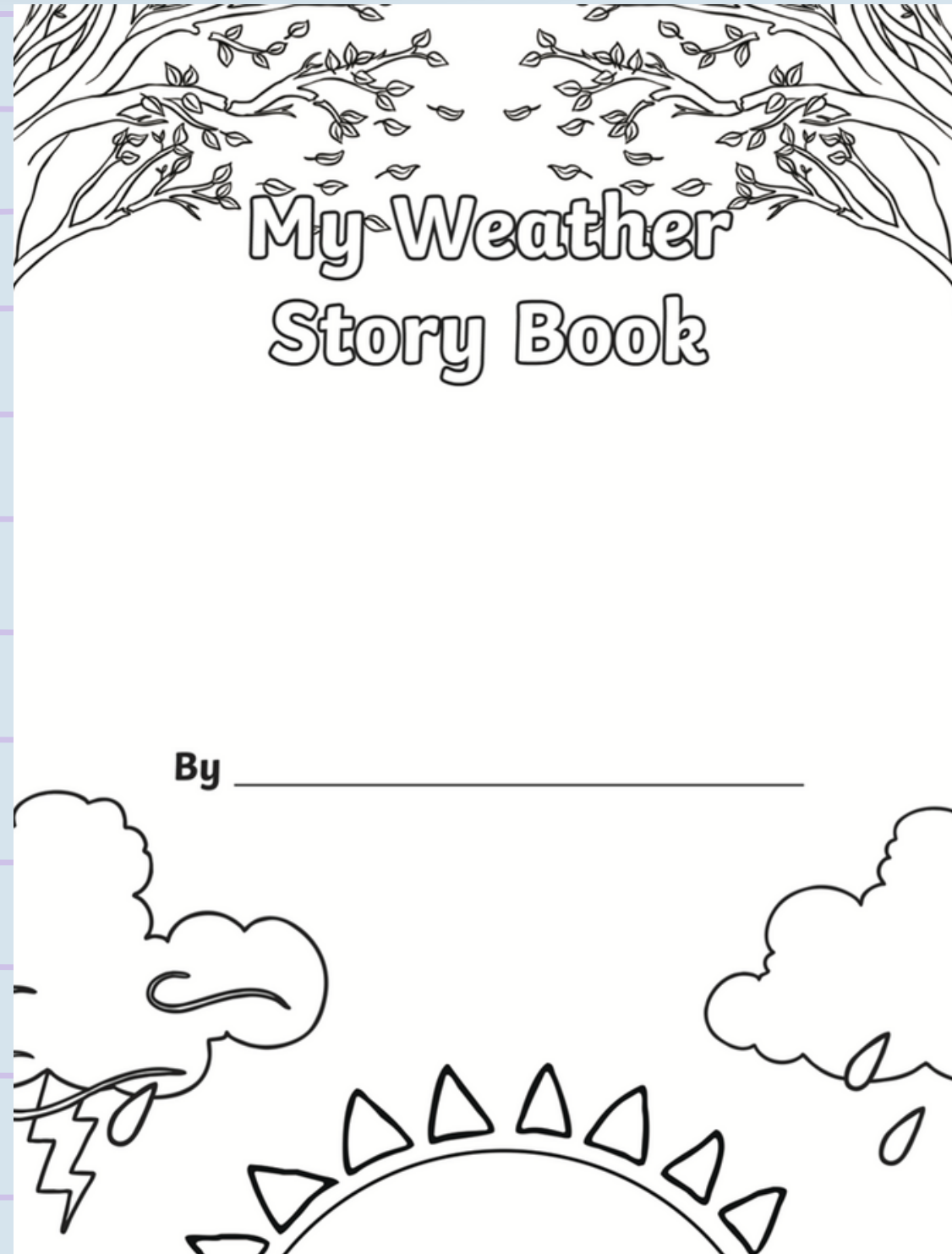
ACTIVITY-2

My Weather Story Book:

- Each student is given the below attached booklet.
- They are instructed to write stories on each of the given prompts.
- This can be an on-going activity where they could write one story a day.



ACTIVITY-2



On a sunny day, I...

On a stormy day, I...

On a rainy day, I...

On a windy day, I...

On a snowy day, I...

On a hot day, I...



ACTIVITY-3

Rain Cloud in a Jar:

Rain Cloud in a Jar

You will need:



Shaving cream



A clear large jar



Water



Blue food coloring



Pipettes or eyedropper



Small bowl


Method:

1. Fill the large jar with water, leaving 2 inches at the top.
2. Add the shaving cream to the top of the water until it reaches the top of the jar.
3. Next, add 1 cup of water to the small bowl and 3 drops of blue food coloring.
4. Mix the water and food coloring together.
5. Use the pipette to add drops of the water mixture to the top of the shaving cream cloud.
6. Continue adding the water mixture until you begin to notice the raindrops begin to break through the bottom of the cloud.



POST-ASSESSMENT

- Each student is given printout of the attached worksheet
- They are required to cut along the dotted lines and paste the image in the appropriate column

Weather Sorting	
	



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