



Lesson: Clouds and Weather

Name:

Teacher:

Date:

Cloud Observation Journal – STEM Scholars Hub

Instructions:

Observe the sky each day for one week. Record the type of clouds you see, the cloud cover, and any predictions about the weather. Be sure to check your predictions against the actual weather!

Student Journal Template

Day / Date	Cloud Type (Stratus, Cumulus, Cirrus)	Cloud Cover (Clear, Partly Cloudy, Overcast)	Weather Prediction	Actual Weather	Notes / Observations
Day 1					
Day 2					
Day 3					
Day 4					
Day 5					
Day 6					
Day 7					

Reflection Questions:

1. Which type of cloud did you see most often this week?
2. Did your weather predictions match the actual weather? Why or why not?
3. How did observing clouds help you understand weather patterns?
4. What was the most surprising thing you learned about clouds?

Tips for Students:

- Use a notebook or print this template for daily observations.
- Draw the clouds if you can—this helps with recognizing types.
- Compare your observations with online weather forecasts for accuracy.