

Name: _____

Teaching Ideas for Weather

1. Begin by brainstorming all words related to weather. (*wind, temperature, sun, precipitation, clouds...*) Students should take a clipboard/pencil/paper outside and record everything about the weather. What the sun looks like, what the clouds look like, how hot it is, what the wind is like. Take students out in the morning and in the afternoon to see if there is a difference.
2. Take a tally of the favorite type of weather in your classroom.
3. Brainstorm the ways that weather impacts us, what we wear and what we do.
4. Brainstorm how animals prepare for the different types of weather.
5. Brainstorm what you think causes the different weather types.
6. Use the wind, temperature, cloud recording activities to record the weather for at least a week. Use the weather predictor worksheets after the students have collected weather data for a period of a few days.
7. Students keep a weather journal using pictures and words and they also predict what the weather the next day will be. Have them look at the sky and the current weather to make an informed decision about what the next day's weather may be like. Is the weather always the same in the afternoon as it is in the morning?
8. Take the temperature each day, letting every student eventually get a chance to read the thermometer. Have students record the temperature in their calendar or journal. Once a few weeks have been recorded, look for the patterns in the weather.
9. Brainstorm all the ways that weather can have impact on your plans.
10. Brainstorm all the natural disasters that are caused by weather.
11. For art, let students create a 4 season collage.
12. Brainstorm all the things that would happen if there was no sun? no rain?
13. Weather refers to short term conditions and climate refers to long term conditions, explain what this means in your own words. Brainstorm similarities and differences of weather and climate.
14. Research climate around the world and take a tally about which area/country has the best weather and why.
15. Have a 'rain circle'.
All the students sit around a large circle. Everyone makes the moves you call at the same time while remaining seated: Rub hands (wind) pat legs (light rain) snap fingers (heavy rain) clap hands (heavier rain) stomp feet and clap hands (rain and thunder) .
These actions simulate beginning of rain to a storm. REPEAT backwards to calm the storm.
16. Take turns writing out morning announcements about the weather forecast.
17. Compare the weather reports to a location in a different hemisphere.
18. Break into groups and let each group research a severe weather event. Each group becomes responsible for sharing their findings with the class.

Name: _____

Teaching Ideas for Weather

- (19) Each day the weather is taken by the class (wind direction, temperature, cloud cover, wind speed) then listen or read the local weather report and compare.
- (20) Brainstorm all the ways you can learn about the weather. (*Radio, Online, TV, Paper etc.*)
- (21) Have the students make decorative sun catchers for an art activity.
- (22) When teaching about wind, have students make kites and windsocks using patterns to decorate them.
- (23) Use the water cycle to help students understand where the vapor/water from clouds comes from.
- (24) Help students understand the differences between local, national and global weather.
- (25) Each morning, review the weather report, at the end of the day, determine if the report was completely or not quite accurate.
- (26) It would be helpful for students to break into groups to review the weather elsewhere day to day and make predictions about what the next day will be like to practice forecasting.
- (27) Projects could be based on extreme weather, each group could research an extreme weather event and share their findings with the class.
- (28) Students could put on skits about what they would do for when a tornado or hurricane happened.
- (29) Make cloud murals of various cloud types for art.
- (30) Make riddles about weather terms. I am made of vapor and I am in the sky—clouds. I am a wind that is sudden and I'm stronger than a breeze—gust.