

Have you helped the environment today?

**March 23 is World Meteorology Day!** Do you know what “meteorology” means? It means the study of the atmosphere, where weather happens! The weather affects you every day; what you wear, if you get to play outside, if you get a sunburn, or if it rains or there’s a storm with thunder and lightening!

CLOUDS are one important element of the Atmosphere. Did you know that there are different types of clouds? These types form at different heights, at different temperatures, have a variety of shapes, and some hold water better than others.

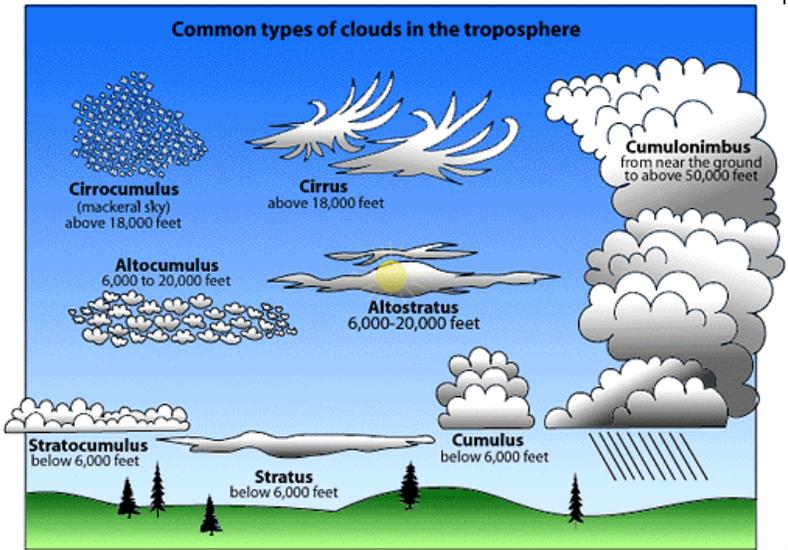
The names actually tell you a lot about the cloud itself. Take a look at the drawing of what the clouds look like and read about their names below, then see if you can guess the names of the clouds and their elevation!

Height

- *Cirrus*: high clouds above 20,000 feet
- *Alto*: clouds between 6,000-20,000 feet

Shape

- *Cirrus*: curly/fibrous
- *Stratus*: layered
- *Cumulus*: lumpy/piled
- *Nimbo/nimbus*: a cloud can produce precipitation (rain/snow)



CLOUD QUIZ

1. What do you think the main process is that makes clouds?  
A) Evaporation B) Condensation C) Wind D) Radiation
2. Which one is NOT an example of weather caused by clouds?  
A) Thunderstorm B) Blizzard C) Sunburn D) Tornado
3. Which ingredients do you need to make weather? (choose all that apply)  
A) Temperature B) Pressure C) Volume D) Density
4. What is a type of cloud makes it dangerously hard to see for drivers of cars and boats?  
A) Fog B) Cirrus C) Cirrocumulus D) Altostratus

Answers: 1. B 2. C 3. ABCD 4. A

**Important Dates**



- 14-24 Community Film Festival (PG)
- 20 First Day of Spring
- 21 World Forestry Day
- 22 World Water Day
- 23 World Meteorological Day
- 23 Earth Hour, 8:30-9:30pm—turn off your lights!

Don't forget that 2013 is the Year of Water! **March 22** is World Water Day, so make sure you conserve as much as you can by not running the



tap any longer than necessary, taking shorter showers, and drinking tap instead of bottled water. Everything you do counts! Try teaching your younger (or older) siblings a little something about water conservation too, or even your parents!