

# ~ ASK MOTHER NATURE ~

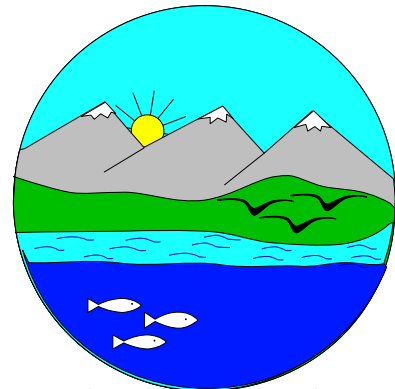
Welcome to **Ask Mother Nature**. I encourage kids to send me questions about Science, Nature, and/or the Environment. Each month I will answer one of the questions, then every week you will have an activity to go along with the topic of the question.

To receive a special Mother Nature Bookmark, send your questions to:



[MotherNature@GrandLakeMountainProperty.com](mailto:MotherNature@GrandLakeMountainProperty.com)

or  
Annie G  
PO Box 573  
Grand Lake, CO 80447



*Dear Mother Nature:  
What makes clouds?*

*The sun warms the water in the lakes, rivers, ocean and in the ground. As the water gets warmer, it turns into a gas called, 'water vapor'. We can't see it but water vapor is rising into the sky all around us. When it goes up, the water vapor cools. It turns into droplets of water and tiny bits of ice. When enough droplets and ice come together, clouds are formed.*

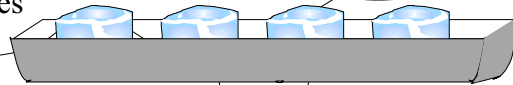
## You will need:

an ice cube tray  
water  
a metal dish  
a jar  
a flashlight

*Naturally Yours, Mother Nature*

## Let's Make a Cloud

- Have an adult help you
- Fill the ice-cube tray with water
- Place the tray in the freezer overnight
- The next day take a few ice cubes, put them in the metal dish
- Let the dish get real cold
- Pour an inch of warm water into the jar
- Take the jar of water and metal dish into a dark room
- Put your metal dish over the top of the jar.
- Shine your flashlight on the dish and jar
- Do you see a cloud form near the top of the jar?
- This happens as the warm water evaporates, rises, then condenses



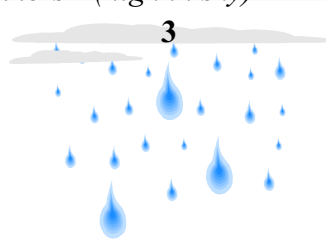
## Kinds of Clouds

1. Cumulus *Full & Puffy*
2. Cumulonimbus *Thunderheads*
3. Stratus *Raindrops or snow flakes (low in sky)*
4. Cirrus *Wispy like feathers (high in sky)*

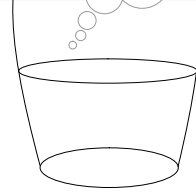




Next week we'll make rain.



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