

Dear Family,

In my class today I made a weather clock.

Did You Know?

- A meteorologist is someone who studies the weather. Meteorologists predict, or say ahead of time, the weather conditions that are expected. Weather affects our daily lives. People need to know about the weather so they can plan what to wear or to plan their daily activities. For example, if snow is expected you would need to dress warmly, and snow would limit outside activities such as bike riding. Although we cannot control the weather, we have learned to adapt to it. Our homes are well insulated to protect us from the cold, and many homes are air conditioned or have fans to help keep us cool when it is hot outside.
- Our weather comes from basically two things: the Sun and the moisture in the air. These two things work together to create clouds, snow, rain, thunderstorms, and fog. They also cause the wind to blow. Without the Sun or the moisture in the air, the Earth would have no weather. There is always moisture in the air. We can see it when it's raining or snowing outside. Even on a sunny day, there is moisture in the air. Although we cannot always see the moisture in the air, we can sometimes feel it in the form of humidity.

Ask Your Child:

- What did you use to make a weather clock?
- What do you do with a weather clock?
- Tell me how the weather helps us plan how to dress.
- Explain how the weather affects what we do each day.

Activities To Do With Your Child:

- Go outside with your child and ask them to describe the weather. Encourage your child to use as many descriptive words as possible in their explanation.
- Watch the weather forecast on your local news station. Talk about the meteorologist with your child and how they tell us about the weather forecast.
- Take a thermometer outside and discuss the temperature. Try taking the thermometer outside during the morning, afternoon, and again in the evening. Discuss the change in temperature.

Vocabulary To Use With Your Child: weather, meteorologist, moisture, cloud, fog, humidity