

Dear Family,

In my class today we made it rain!

Did You Know?

- Heat from the Sun causes water on the Earth to evaporate and rise into the sky. This water vapor is invisible as it rises into the sky. Since the air is much colder in the sky than it is on the ground, the water vapor cools and condenses, forming clouds. When the clouds get too full of water, the water falls back to the Earth in the form of rain, snow, sleet, or hail.
- There is the same amount of water on Earth today as there has been since the beginning of time. Water keeps moving around in an endless cycle called the water cycle. About two-thirds of the Earth is covered with water. Of all that water, only about 3% is fresh water. The rest is all salt water. Using our fresh water wisely is very important. Some things you can do to help conserve water are turn off the tap while you are brushing your teeth, only run the dishwasher when it is full, and check that water is not dripping from the tap.

Ask Your Child:

- How did you make it rain?
- Where does rain come from?
- Tell me about the water cycle.

Activities To Do With Your Child:

- With your child, watch the rain come down. Discuss where the rain goes and what makes rain.
- Make cloud jars with your child. Pour hot water into a jar, filling it three-fourths full. Have your child place a paper plate on top of the jar and put an ice cube on the plate. After a few minutes, a cloud will form inside the jar and water droplets will gather on the glass. Talk about how the cloud is full of water.

Vocabulary To Use With Your Child: rain, water, cloud, water cycle, experiment, food coloring