

Dear Family, in class today, we experimented with water bottles to learn about insulation.

Did you know?

- Coats keep us warm when it is cold outside.
- Our body heat gets trapped by the coat.
- Coats keep the heat from escaping into the air.

Ask your child:

- Explain what you used for your experiment.
- Explain why some of the water bottles stayed warm.
- Tell me how your coat keeps you warm.

Vocabulary:

- coat – a piece of clothing. It is worn over other clothes. Coats keep us warm.
- insulation – something used to keep heat in.
- funnel – a tool. It is shaped like a cone. A funnel has a narrow tube at the small end.
- thermometer – an instrument. It measures temperature.
- warm – having some heat.
- prediction – to say ahead of time that something might happen.

Activity:

With your child, look around your home for ways you stay warm in the colder months. Maybe you have blankets, sweaters, mittens, gloves, hats, and heavy socks. Help your child make a list of 3 things that help them to stay warm in the cold weather. Send the list to school.