

Dear Family,

In my class today I experimented with different materials to find out what melts in the Sun.

Did You Know?

- Weather affects practically everything we do. The Sun and the moisture in the air are the two things that create all of our weather. Sunny weather days are days when there are very little or no clouds in the sky. We usually experience more sunny days in the summer when the days are warmer. This is the reason we enjoy spending more time outside in the summer. However, the Sun's rays are very powerful and we need to protect our skin with sunscreen and our eyes with hats and sunglasses when we are out in the Sun.
- The Sun is a source of energy. Light and heat from the Sun are forms of energy. Materials can absorb the energy and, as a result, some will melt and become a liquid. In our experiment, some of the materials melted and became a liquid, some materials softened a little bit, and some materials did not melt.

Ask Your Child:

- What type of weather did you talk about today?
- Tell me what the Sun feels like when you are out in it.
- What did you use for your experiment?
- What happened to the things you put in the Sun?

Activities To Do With Your Child:

- Talk about the weather and what kinds of things you can do on a sunny day.
- Make a sunny day art project by placing crayon shavings on a piece of wax paper. Place another sheet of wax paper on top so the shavings are sandwiched between. Weight the paper down along the edges and leave it in a sunny spot outside for about an hour. The crayon shavings will melt and run together, forming stained glass-like art.
- You can also place small pieces of broken crayons inside a cookie cutter placed on a sheet of wax paper. Put this in the Sun for a few hours. When the pieces are melted, move the cookie cutter and wax paper to a cool location and allow the melted mixture to cool. Remove the cookie cutter and wax paper; your child will have a new multi-colored crayon to use!

Vocabulary To Use With Your Child: Sun, weather, melt, rays, light, heat