

Fast Freezer Pops!

Materials:

- Freezer pops- the liquid kind; one for each girl
- Salt- rock salt works best
- Ice
- Gallon size Ziploc bags- one for each girl



Instructions:

- Pull apart the freezer pops and place one in each gallon size Ziploc bag.
- Place enough ice in the bag to completely cover the freezer pop.
- Pour about 2 tablespoons of salt into the bag.
- Seal the bag and begin shaking the contents.
- Keep shaking...this part might take a few minutes.
- When the freezer pop has frozen, take it out of the bag, cut it open and enjoy!

Science:

What is happening in the bag? How is it happening? How are the freezer pops freezing but the ice is melting?

The freezing point of water is 32°F. When you add salt, the freezing point of the water drops to 25°F. So as the salt melts the ice, the contents of the bag are actually getting colder! This is why the freezer pop is freezing in your hands.

Can you think of some other places that we use salt to lower the freezing point?

