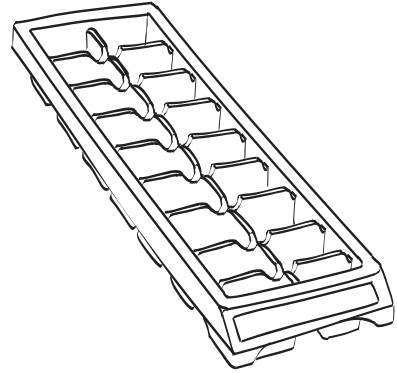


## HOME/SCHOOL CONNECTION

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### Investigation 5: Earth Materials

In class, we have observed that water can change from a liquid to a solid by putting cups of water in the freezer overnight. We have observed cups of ice change from a solid to a liquid as the ice melts. You can provide more experiences with freezing and melting water at home. Your child could take the water out of the freezer as it is turning to a solid and observe how the ice is forming. As an alternative to freezing water, you could freeze fruit juice in clean containers so your child can drink it after it melts.



### Materials

- Ice-cube tray
- Plastic containers of various kinds
- Freezer
- Water or fruit juice

### Investigation

1. Have your child put water or fruit juice in an ice-cube tray or in other plastic or metal containers. Do not use glass for safety reasons.
2. Put the container of liquid in the freezer.
3. Remove the container after an hour and see what is happening. Then, put it back in the freezer.
4. The next day, remove the container and observe. Leave the container at room temperature and see how long the ice takes to melt.