

# Freeze and Melt

Level H/I



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Ice Cream



Milkshake

Ice cream is cold. We keep ice cream in the freezer. When ice cream is frozen, it is a solid. What happens when ice cream gets warm? The ice cream **melts**. Now it is a **liquid** - like a milkshake.



**Popsicle**



**Popsicle Melting**

A popsicle is cold. We keep it in the freezer too. The popsicle has a shape. Most popsicles are round and thin. What happens when a popsicle gets warm? The popsicle melts. It makes a sticky liquid on the table!



**Ice Cubes**



**Ice Melting**

An ice cube is cold. The ice cube came from the freezer. Most ice cubes are shaped like a cube with square sides. What happens when an ice cube gets warm? The ice cube melts. Sometimes it melts in our glass of water. The ice cube seems to disappear.



Warm Tomato Soup



Frozen Tomato Soup

Tomato soup is warm. We cook it on the stove. Tomato soup is a liquid in a bowl. What happens if we put tomato soup in the freezer? It will **freeze** and get hard. Now it is a solid in the shape of the bowl.



Orange Juice



Frozen Orange Juice

Orange juice is a liquid. We drink liquids like orange juice. Liquids are good to drink. We drink liquids from a cup. What happens if we put a cup of orange juice in the freezer? It will freeze and get hard. What will happen if the orange juice gets warm? The orange juice will be liquid again.



Solids and liquids are called states of matter. The **state of matter** can change when some things are frozen. The state of matter can change when some things get warm. Many liquids will become solids when they are frozen. But if it melts, it will be a liquid again. How many things can you find that will freeze and melt?

yes



# Freeze and Melt

no

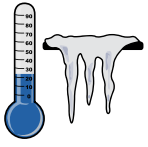


<p>melt</p>	<p>cold</p>	<p>ice cream</p>	<p>freezer</p>	<p>solid</p>
<p>disappear</p>	<p>frozen</p>	<p>liquid</p>	<p>milkshake</p>	<p>popsicle</p>
<p>cook</p>	<p>warm</p>	<p>ice cube</p>	<p>water</p>	<p>tomato soup</p>
<p>freeze</p>	<p>hard</p>	<p>bowl</p>	<p>orange juice</p>	<p>state of matter</p>
<p>change</p>				



# Glossary

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**freeze** - to change from a liquid to a solid by losing heat



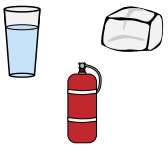
**liquid** - state of matter than can flow and hold the shape of the container it is in



**melt** - to change from a solid to a liquid by adding heat



**solid** - state of matter that holds its own shape



**state of matter** - a solid, liquid or gas