

15-Minute Activity: Melting Ice Investigation

5
Minutes

15
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Minutes

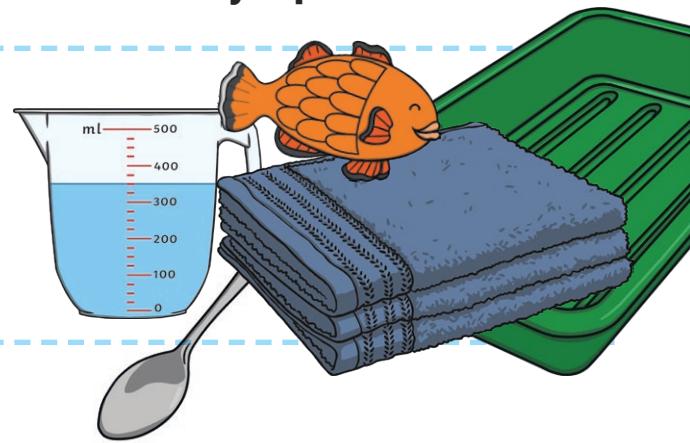
Set-up Time

You will need:

- ice
- kitchen utensils, such as spoons, ladles, jugs, sieves
- small world characters, e.g. fish and sealife animals
- towels

Activity Time

Tidy-up Time



Set-up:

1. Before the activity, empty the ice into the activity tray.
2. You can choose what else you would like to put into the activity tray, e.g. you could add small world characters, such as polar bears and penguins to create an arctic scene.
3. Add kitchen utensils, such as spoons, ladles, jugs or sieves for children to use to explore the ice and water as it melts.
4. You can set up this activity outside or add towels around the activity tray to prevent mess.

Instructions:

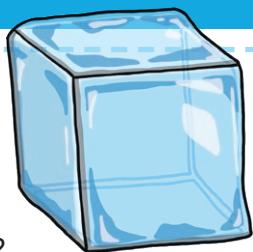
1. This activity is very child initiated - let your child explore the ice freely with their hands.
2. They can play with the small world characters and create their own role play.
3. The children will also be curious about the temperature and sensory elements of the water. Encourage them to use words to describe the ice and what is happening.
4. Let the children explore using the different kitchen utensils as the ice starts to melt.

Alternatives to try:

- You can freeze small toys in the ice tray or in a balloon and melt it so that the toy is trapped inside the ice - can the children get it out? How can they melt the ice quickly?
- Take the temperature of the water at different points and describe what is happening.

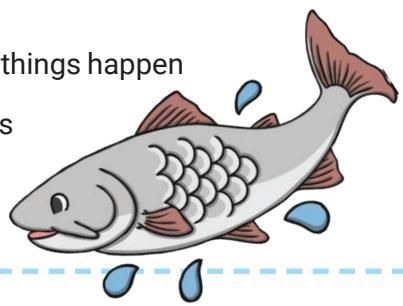
Questions to ask:

- What does it feel like?
- What temperature is it?
- What is happening to the ice?
- How can you make it melt faster?



Skills:

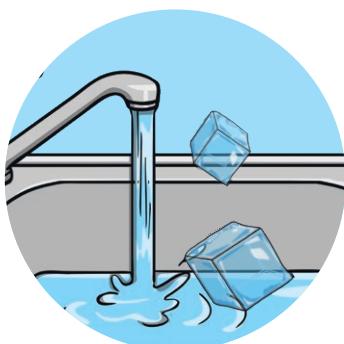
- talking about why things happen
- observing changes



Tidy-up Time: 5 minutes



Wash and put any toys and equipment from the activity tray away.



Pour any leftover ice or water into the sink.



Wash the activity tray.

Sensory activities Disclaimer: This resource is provided for informational and educational purposes only. As this resource refers to sensory activities, sometimes including food items/ingredients, you must ensure that an adequate risk assessment is carried out prior to using this resource. This resource is not taste-safe. You must contact a suitably qualified professional if you are unsure. Twinkl is not responsible for the health and safety of your group or environment. Please be aware that learners should be supervised at all times due to potential hazards with handling and exploring sensory objects, particularly young or vulnerable learners. Sensory activities can engage learners in their play and learning, but supervising adults should check for allergens and assess any potential risks before the activity and only proceed if it is safe to do so, for example, even the shallowest amount of water can be extremely dangerous. Learners should wash their hands before and after these activities.