



# Ice

Early Head Start Adaptation

Children will use different tools to explore frozen water and the best ways to melt ice.

## Materials

- Balloons
- Exploration tools such as...
  - Popsicle sticks
  - Salt
  - Droppers
  - Flashlights
  - Liquid water color



## Set up

- About 3 days before you want to do the activity, fill balloons with water and place them in the freezer
  - If you want, you can add liquid water color or small objects to the ice

## Try this!

- We are exploring ice, how it melts, and how it is different than water
- Have children explore and experiment using different tools to interact with the ice
- Try squirting colors on the ice and watch what happens!
- Talk to children about where else they have seen ice – maybe on the ground, on a stream, or in a drink
- Also you can talk about temperature – how does the ice feel?
  - Pair the activity with things that will feel warmer or softer like a towel

## Science Process Skills

- Using Tools
- Experimenting
- Observations
- Communicating

## Classroom Implementation

While children are exploring you can model open-ended questions by asking:

- What does it feel like?
- What do you think will happen if...?
- What does it remind you of?

Depending on the age of the children, how it is presented will look different. This is a very open ended, exploration activity. Keeping that in mind, here are some suggestions:

- Ice castles! Use ice cubes as building blocks and then experiment with melting them
- Place a bunch of ice cubes in your sensory table for children to explore!

### Credits and rights

Developed by the Sciencenter for the Collaborative for Early Science Learning.  
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