

Toy Freeze

Science Experiment



Method

1. Fill the tub $\frac{2}{3}$ full of water.
2. Ask the children to choose some toys for the freezing experiment. Explain that the toys must be small, waterproof and not be electronic.
3. Ask the children to put the toys in the water. Add any other bits and bobs you would like, (including some which float and some which sink).
4. Encourage the children to observe which items float and which sink. Explain that the tub will be put in the freezer until the water is frozen. Which items do they think will be at the top of the ice and which do they think will be at the bottom of the tub?
5. Put the lid on the tub and put it in the freezer. Freeze, at least overnight, until the water has completely frozen.
6. When it has frozen, remove it from the freezer and allow the children to inspect it. What do they notice? Which items are on the top? Tip the ice out onto the tray and inspect the bottom of the ice block.
7. Let the children explore the ice and the way it melts. They can try to free the toys and other items as it melts.

You will need:

Selection of toys

Selection of things like pom-poms, pipe cleaners and beads

Water

Plastic tub with lid

Tray

