

Sticky Ice

Science Experiment



Method

1. Children are to put on their gloves.
2. Put salt in one bowl, water in another bowl and the ice cubes in the third bowl.
3. Lay out a piece of string next to the bowls.
4. Put some ice cubes in the bowl with the water.
5. Challenge the children to see if they can lift a piece of ice from that bowl using only the string.
6. After several attempts, pass them the bowl of salt ('magic powder').
7. Ask them what they think will happen if they sprinkle the salt onto the ice.
8. Place the string over the ice and sprinkle the salt over the string.
9. Count together to 60, then carefully lift the string up by each end.
10. Hey presto! The ice cube is stuck to the string!

You will need:

Gloves

Ice cubes

Water

String

Salt

3 bowls

