

St Mary's Science... at home!

September

Sticky Ice



You will need

Protective gloves

String

Ice cubes

Salt

Water

3 bowls

1. Wear protective gloves
2. Put salt in one bowl, water in another 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 - can you 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. What do you think will happen if you sprinkle the salt on the ice
8. Place the string over the ice and speinkle the salt over the string
9. Count together to 60, them carefully lift the string up by each end.
10. Hey presto! The ice cube is stuck to the string!

Send in your ideas and results to science@st-mrc.co.uk

If you collect THREE stamps before Christmas you can claim a science prize!