Ice, ice, baby: Why is ice slippery?

BIG QUESTION: How does water make ice? - Marina, 4 Why is ice cold? - Rowan, 6

How does water become ice?

How does the ice feel? What do you notice as the ice changes temperature?

Try it: Ice Fishing Experiment

- Small paper cups, bowl or an ice cube tray
- Glass of water
- String (yarn or kite string works great)
- Small stick
- Salt

1. Fill the cup or tray up with water and place it in the freezer.
2. When the water is frozen, remove the ice from the cup or tray.
3. Put the ice in the glass or bowl of water. The cube will bob up and down in the water and then float on the top.
4. Place one end of the string from the fishing pole on top of the ice cube and sprinkle salt on the ice where the string is touching. Watch as the water melts slightly and refreezes.

After about 10 seconds, carefully lift the ice cube out of the water with the fishing pole. You caught a fish (ice)!

Ask an expert. Who?

Find a safe source. Where?

What will you ask?