Expt 8:

**Tilte: To show that water is a poor conductor of heat**

**Date:** 20/3/13

**Apparatus:** Boiling tube, ice, Bunsen, tongs, wire guaze

**Method:**

1. Half fill a boiling tube with water and use piece of metal gauze to hold down the ice.
2. Holding the boiling tube at an angle with a tongs, to stop water convecting.
3. Heat it at the top using the Bunsen burner for a short period of time.

**Result:** the water at the top boils which the ice at t he bottom stays frozen.

**Diagram:**