



BE A SNOW SCIENTIST

Snow on the ground? If so, you're all set to start studying it!

Date _____	Time _____
Location _____	
Weather _____	

- Helpful Things to Take Along:**
- ✓ Snow shovel
 - ✓ Ruler
 - ✓ Thermometer
 - ✓ Magnifying glass

1. Use a snow shovel to slice straight down into the snow. (Imagine cutting a piece of cake.) Clear the snow in front of the “snow cake” so you can see it from top to bottom.

Use a ruler and thermometer to take the following measurements:

Snow depth _____ Air temperature _____

Temperature at snow surface _____

Temperature where snow meets ground _____

2. Draw your slice of “snow cake” below. Are there different layers? For instance, does it change from hard and icy to soft and fluffy? Can you see separate crystals or just a solid mass? (Use a magnifying glass to check.) Add notes to describe each layer you see.

3. List or draw any signs you see of animals moving around above or below the snow.