EXPERIENCE COMPANION · AGES 8–14

The Buoy

Name _____

Date _____

Tap each part of the buoy to find out what it does. Pick a buoy under "Live readings from" to see its real readings now. (Many buoys come out of the water from late October to May.)

Open it: inthelakes.ca/about/buoy/ · About 25–35 minutes

Live readings from (buoy name):

1 The parts

Part	Where is it?	What does it do?	Live reading (if any)
Wind sensor			
Weather sensor			
Solar panels			
Hull and wave sensor			
Water-quality sonde			
Thermistor line			
Anchor			

Draw the buoy from the top of the mast to the anchor. Label five parts.

2 In your own words

Why does the buoy need solar panels and batteries? How does its data get to the website?

If you could add one more sensor to the buoy, what would it measure, and why?