



## Unit 1: Dead Zones

### Lesson 2: Activity A – Investigating How Properties of Water Contribute to Seasonal Cycles

#### Data Sheet

Experiment start time: \_\_\_\_\_

#### Water temperature data chart (degrees Celsius)

Depth in cm	Time columns						
	#1	#2	#3	#4	#5	#6	#7
1							
3							
5							
9							
13							
17							
21							

#### 250 ml ice water

Temperature: \_\_\_\_\_

Weight: \_\_\_\_\_

#### 250 ml hot water

Temperature: \_\_\_\_\_

Weight: \_\_\_\_\_



Which is more dense (weighs more)? (Circle one)

Ice water

Hot water

**250 ml warm water with colored ice cubes**

What happens to the colored water from the ice as the ice melts? \_\_\_\_\_

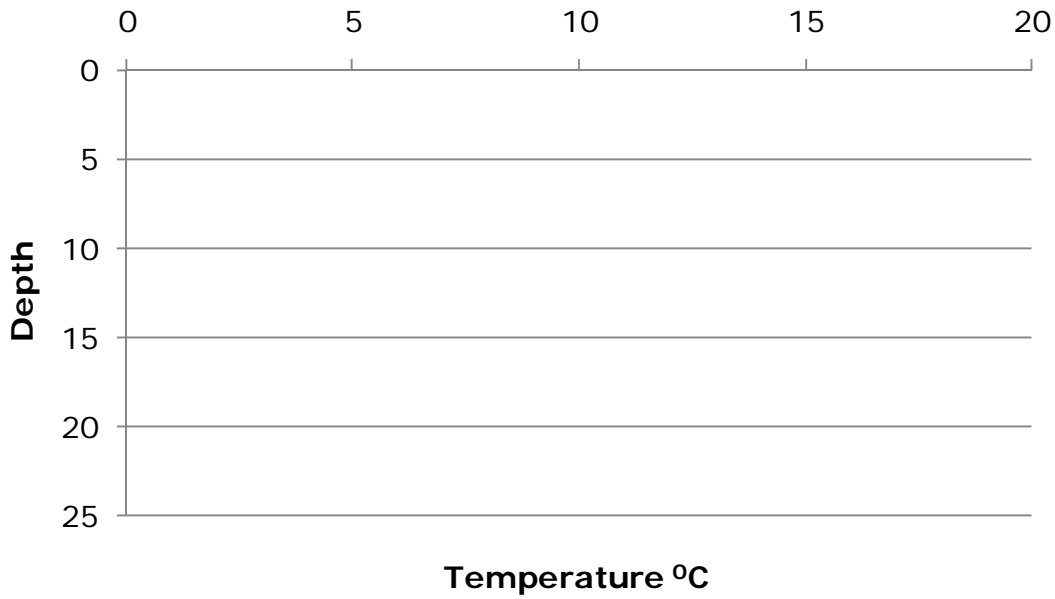
Why? \_\_\_\_\_

\_\_\_\_\_

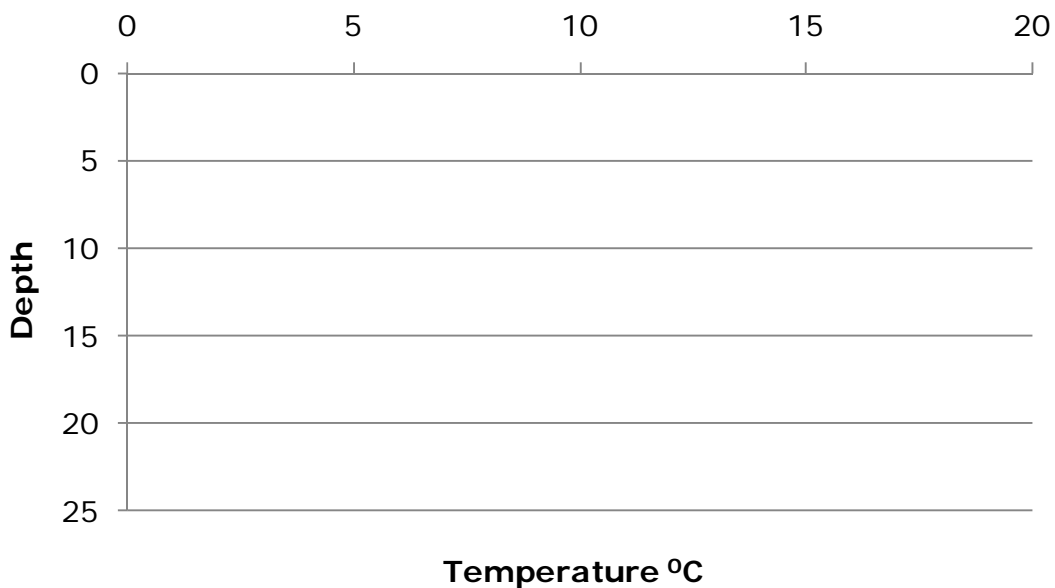


### Water temperature graphs

Graph #1



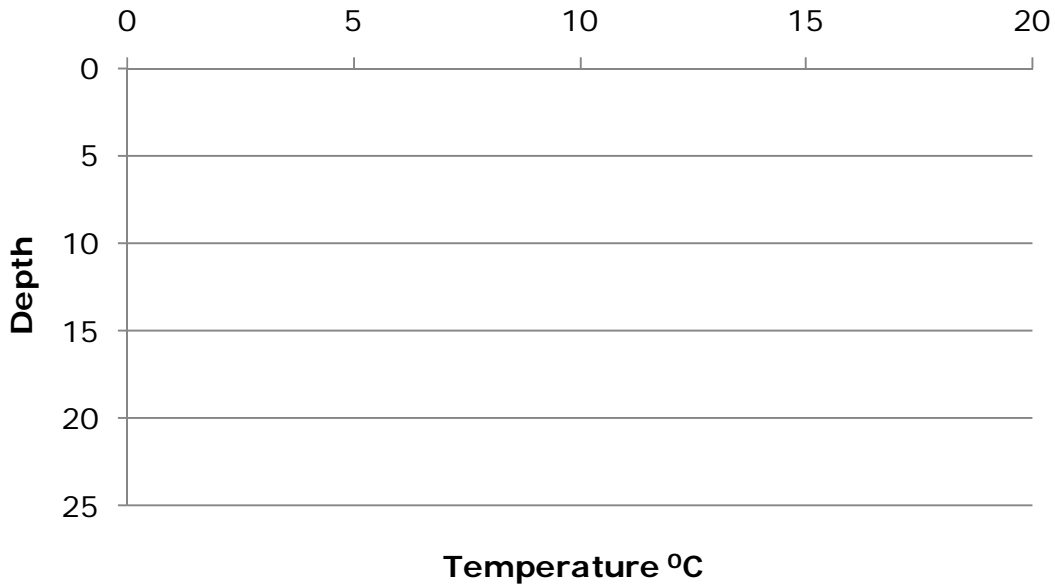
Graph #2





**Water temperature graphs (continued)**

Graph #3



Graph #4

