Name: Team Name: _	Date:		
		Falling Water Worksheet	

1. Why does each team need to drop the same amount of water each time?

2. Describe how your team made sure that the amount of water dropped was the same each time.

3. How is your team measuring the size of the splash? Use a drawing in your explanation.

4. <u>Prediction</u>: What do you think will happen to the size of the splash when water is dropped from different heights?

5. In the table below, record your data for the activity. Once you have taken all the data, calculate the average diameter of the splash for each height. The average is the total divided by the number of splash measurements made from that same height. (Clue: It is the same as the number of people on your team).

	Water height at	Water height at	Water height at	Water height at
Diameter of first splash				
Diameter of second splash				
Diameter of third splash				
Diameter of fourth splash				
Total				
Average Diameter				

6. In the space below, make a graph showing the average size of the splash formed when water was dropped from each height.