Also record the independent variable (the one variable that is being changed or

manipulated) and the dependent variable (this is the measured effect that is caused by

the independent varia	ble).		
	Water iscm from the ground.	Water iscm from the ground.	Water iscm from the ground.
Diameter of first splash			
Diameter of second splash			
Diameter of third splash			
Average Diameter			
Hypothesis:			

Independent Variable:	
Dependent Variable:	
	i



Grade 6—Potential and Kinetic Energy RM 1: Energy Makes a Splash

3.	What materials would your team need for this experimental investigation? What
	procedures would you follow to test your hypothesis? Discuss this with your team and be
	prepared to share your discussion with the class.

4. Your teacher will now provide your team with the actual materials you will be using to perform this experimental investigation. All the materials given to your team must be used in order for your experiment to result in valid and accurate data. These materials may be different than what your team discussed in question 3. Look at the procedures your team developed in question 3 and adjust them based on the materials provided by your teacher. Record your team's new procedures in the space below.*

*When your teacher has approved your revised procedures, you may begin your experiment using the table on page 1 to record your data.

