	The Scientific Met	thod - Plop Plop	Fizz Fizz
Name:		Period:	Date:
In this lab,	you will develop and test a hyp en guidance at each step of the	othesis, analyze data, and	
Step 1:	Question or Obser	vation	
Question:	What factors will make an a	lka-seltzer tablet dissolv	e faster?
Variables t	o test: er, Warm water, Cold water, Sa	alt Water Acidic water (n	sing vinegar)
	bles above, circle the one that		2 2 /
In this expe	riment, the independent variable dependent variable, or the thin	le is	
Alka seltzer	Develop a claim. If will dissolve fastest in	water, and the	slowest in water
A) Will you B) How wi C) How mu Will this am	Design and Condu u use a whole tablet or a half a ill you measure how quickly it o ich water will you place in you hount be the same in all of your fety precautions should you tak	tablet of alka seltzer? lissolves? r beakers? tests?	
Step 4:	Create a table to re	ecord your data.	
	Type of water	D	dissolve time
-	Interpret your data the claim)	: (This is your e	vidence to
	Reasoning – in at least ow the evidence supports the cla ter?		