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Name	_ Hour	Date	
Study Guide Learning Target I.3: I can write a testable	question and	a hypothesis.	
Resources:			
 http://sites.isdschools.org/brian_stockdell http://www.sciencebuddies.org/science-fair-preserved The Nature of Science and Technology; Chapter available on class website) 			ok
Basic (Level 2):			
Write the definitions of the following terms using your & Hypothesis Practice Worksheet.	r scientific me	thod foldable or the Testable Qા	uestion
Testable Question			
Hypothesis			
Independent Variable:			
		·	
Dependent Variable:			

Name	Но	our	Date
Proficient (Level 3):			
Directions: Write a <u>testable question</u> for the example trying to answer by doing an experiment. It is the			
A testable question is often written in the form	n:		
"DoesIV affectD\	<u>/</u> ?"		
Does wearing a lighter colored shirt on a hot o	lay keep you coo	oler?	
			•
Could putting Mentos in diet Pepsi make a big	ger fountain tha	n diet coke?	
Are sixth graders smarter than fifth graders?			
Do crickets chirp more when it is hot outside?			
<u>Directions</u> : Write a hypothesis for each testable of	uestion below.		
Remember, a hypothesis is a proposed explan "educated guess."	ation for a prob	lem. It is often	described as a "prediction" or
Write your hypothesis in the form of, "If <u>IV</u> , then <u>DV</u> , will _	(increase	/decrease/stay	the same)
Does wearing a lighter colored shirt on a hot c	ay keep you coo	oler?	
	_		
Could putting Mentos in diet Pepsi make a big	ger tountain tha	n diet coke?	

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Are sixth graders smarter than fifth graders?			

Do crickets chirp more when it is hot outside?