

Name _____

Questioning Through the Investigative Process

Worksheet 2: Investigative Questions

Part I: For each investigative question consider the criteria for a well written investigative question. Give your reason for deciding if the investigative question is well written or if it needs improvement.

Question	Criteria to Consider	Explain what criteria the question does not meet, if any.
Are cars speeding in the posted school zone?	1. Variable of interest is clear: 2. Population is clear: 3. Intent is clear: 4. Data: 5. Interesting/purposeful: 6. About the whole group:	
What proportion of seniors at the high school participate in school sponsored activities that take place after the school day?	1. Variable of interest is clear: 2. Population is clear: 3. Intent is clear: 4. Data: 5. Interesting/purposeful: 6. About the whole group:	
How much money is spent on the daily lunch program?	1. Variable of interest is clear: 2. Population is clear: 3. Intent is clear: 4. Data: 5. Interesting/purposeful: 6. About the whole group:	
Does taking 500 mg of Vitamin C daily protect high school students from catching a cold during the winter months?	1. Variable of interest is clear: 2. Population is clear: 3. Intent is clear: 4. Data: 5. Interesting/purposeful: 6. About the whole group:	

Question	Criteria to Consider	Explain what criteria the question does not meet, if any.
What is the typical length of girls' hair?	1. Variable of interest is clear: 2. Population is clear: 3. Intent is clear: 4. Data: 5. Interesting/purposeful: 6. About the whole group:	
Is there an association between gender and ability to roll the tongue?	1. Variable of interest is clear: 2. Population is clear: 3. Intent is clear: 4. Data: 5. Interesting/purposeful: 6. About the whole group:	

Part II: Write an investigative question for each of the following general topics:

1. Price of a new car
2. Effect of listening to music and math test scores