

Observations!

Name: _____

Part 1: The Rise and Fall of Raisins

1. Knowledge: Define observation.
2. Read your task card and prepare to complete your assigned task.
3. Get 150 ml of fizzy water from your teacher.
4. Add the raisins.
5. Application: Record your assigned observation on your task card.

Part 2: List, Group, Label

1. Meet with your color group in the assigned area of the room.
2. Create a list of the observations from your color group in the table below.

Group 1: <i>Green Qualitative</i>	Group 2: <i>Pink Quantitative</i>
1. Describe the raisin movement	1. Count the number of raisins that rise and fall in 5 min.
2. Describe the bubble movement	2. Count the total # of raisins in your beaker
3. Describe the smell of the liquid/ raisin mixture	3. Measure the volume of liquid in the beaker
4. Describe the sound of the liquid/ raisin mixture	4. Count the number of bubbles attached to one raisin.
5. Describe the color of the raisins	5. Time the rise and fall of one raisin.

3. Return to your lab table and share your lists. Be sure to record the observation lists from both color groups in the table.
4. Analysis: Create a title for each list based on similarities. Write the title at the top of each list.
5. Evaluation: Describe your reasoning for each title. What criteria did you use to categorize your observations?

At the Scene of the Crime

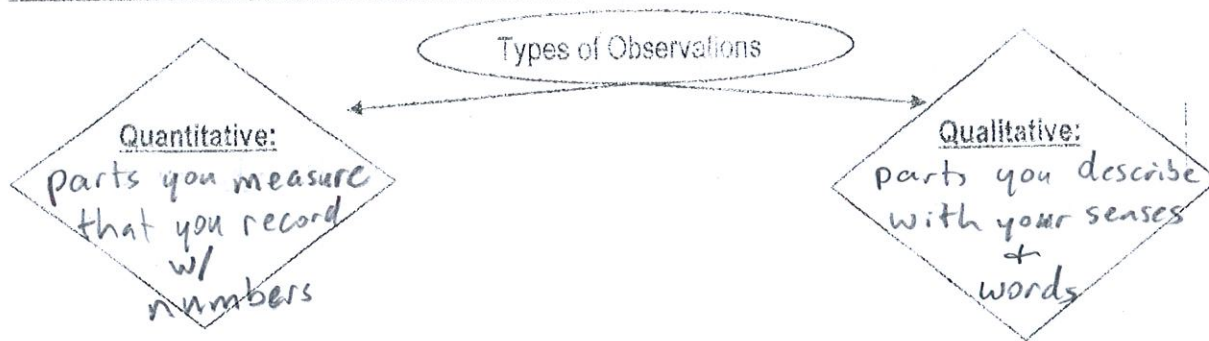
Part 3: Observe the picture of the crime scene provided by your teacher. Write down any details that seem important to you, an eyewitness of this crime.

My Notes/Observations:

Part 4: Answer your teacher's questions based on your notes.

QUESTION	ANSWER
1	5:45
2	Saturday
3	Jane's
4	Bates Ave.
5	Two
6	Yes
7	3
8	No
9	8
10	V.L.
11	A falling potted plant
12	Woman
13	Crawfordtown Produce
14	Myrtle St.
15	grapes
16	F472
17	No parking from 4-6
18	Left rear tire
19	Her purse was being stolen
20	No
21	B and E

Observation Notes: Record notes as your teacher discusses two types of observations in science.



Application of New Knowledge:

1. Refer back to your definition in part 1. Make additions as necessary to make your definition more complete! Refer back to your group 1 & group 2 labels in Part 2. Modify your titles as needed to reflect your new knowledge!
2. To look at something closely for its attributes and behaviors and collect qualitative and quantitative data.

Synthesis: Exit Ticket Chose one object in this room and write down two qualitative and two quantitative observations about it. Hand the paper to your teacher as your ticket out the door today!

Object:

Qualitative:

1.

2.

Quantitative:

1.

2.