

UNIT
1LESSON
1.4*Making Observations***Warming Up**

1. **Predict:** What do you think an observation is?
2. **Practice:** Make an observation about the room.
3. **Share:** Share your observation with another student.
4. **Record:** What are some other observations students made?

Video Challenge

How good are you at making observations? In this video you will be challenged to answer one question: how many times is the black lunchbox passed between the Brainiacs? Remember: remain absolutely quiet and keep the answer to yourself.

My answer

Correct Answer

Observations

Observations are:

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-
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Observations can be made using your senses and using scientific instruments. In the table below, list the senses used to create observations and some of the scientific instruments used to make observations.

Senses	Instruments

Categories of Observations

All observations are put into one of two categories based on HOW they describe:

- Qualitative:
- Quantitative:

Qualitative Observations	
Examples	
Made as a result of	

Quantitative Observations	
Examples	
Made as a result of	

Observation Challenge

In the front of the room is a plastic plant. Your challenge is to make as many qualitative and quantitative observations as you can. Work with your table group. You will only have five minutes to complete this task.

Rules

- Whisper information to your group members.
- You can use any instruments that are found near the plastic plant.

Qualitative Observations	

Quantitative Observations	

Share. We will share our observations as a class. Just for fun, let's see who had the most UNIQUE observations. If any other group has the same observation as you do, you must check it off your list. Once we are done sharing, you will count your observations and see how many you have left.

How many unique qualitative observations did you have?

How many unique quantitative observations did you have?