

# Module 1: What is Chemistry?

## Topic 2 Content: Qualitative and Quantitative Observations Notes

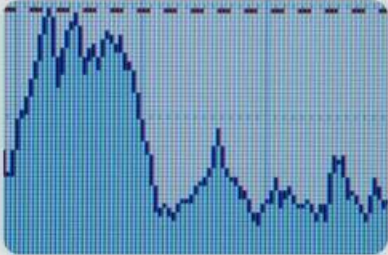
### Introduction

#### Qualitative and Quantitative Observations

Qualitative Observations

Quantitative Observations

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As you complete scientific investigations in science courses and throughout your life, you will be asked to make observations about the data that you collect. Those observations can be qualitative or quantitative in nature. In this interactivity, click on each of the tabs to explore the differences between qualitative and quantitative observations.

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## Topic 2 Content: Qualitative and Quantitative Observations Notes

### Qualitative Observations

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Qualitative observations are non-numeric and descriptive. They are not measurements and do not require a unit of measure.

Examples of Qualitative Observations

- Color
- Texture
- Smell

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### Quantitative Observations

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Examples of Quantitative Observations

- Length
- Mass
- Volume



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#### Examples of Quantitative Observations

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- Mass
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