

# Measurement and Lab Equipment Basics

## Vocabulary Activity - Teacher Edition

### Clue

### Equipment Function



#### Beaker

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#### Boiling tube

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#### Bunsen burner

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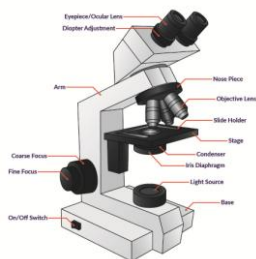


#### Burette

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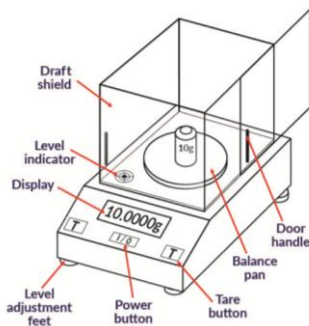


#### Compound Microscope

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#### Digital (Analytical) balance

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# Measurement and Lab Equipment Basics

## Vocabulary Activity - Teacher Edition



**Droppers**

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**Erlenmeyer flask**

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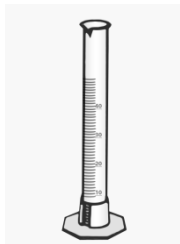


**Evaporating Basin**

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**Measuring cylinder**

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**Mortar and Pestle**

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**Petri dish**

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**Pipette**

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# Measurement and Lab Equipment Basics

## Vocabulary Activity - Teacher Edition



**Ring Stand**

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**Spatula**

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**Spirit lamp**

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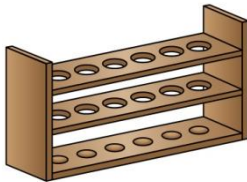


**Test tube**

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**Test tube rack**

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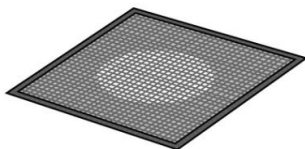


**Watch glass**

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**Wire gauze mat**

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# Measurement and Lab Equipment Basics

## Vocabulary Activity - Teacher Edition

Answers:

### Clue

### Equipment Function



#### Beaker

Storing a measured volume of liquid or solid, mixing and heating substances.



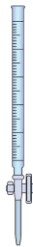
#### Boiling tube

A larger, more robust version of a test tube, used primarily for heating.



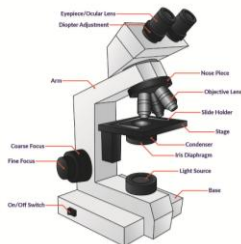
#### Bunsen burner

Burning and heating substances



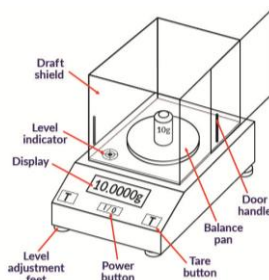
#### Burette

Measures tiny amounts of liquids during a titration.



#### Compound Microscope

Viewing specimens in greater detail.



#### Digital (Analytical) balance

Accurately obtaining the mass of a substance.

# Measurement and Lab Equipment Basics

## Vocabulary Activity - Teacher Edition



### **Droppers**

Transferring one drop of a liquid at a time.



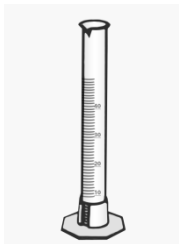
### **Erlenmeyer flask**

Holding liquids or solids, swirling a liquid.



### **Evaporating Basin**

A heat resistant vessel used to melt solids or separate a crystalline solid from a liquid.



### **Measuring cylinder**

Used to measure an accurate volume of solution.



### **Mortar and Pestle**

Crushing and grinding solids into a fine powder or mixture.



### **Petri dish**

Growing cultures



### **Pipette**

Accurately obtaining a small amount of liquid.



### **Ring Stand**

Holds pieces of equipment e.g. beakers and flasks in a fixed position.

# Measurement and Lab Equipment Basics

## Vocabulary Activity - Teacher Edition



### **Spatula**

Transferring a small quantity of solid to and from a container.



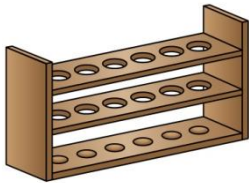
### **Spirit lamp**

Heating a substance



### **Test tube**

Mixing liquids, mixing a solid and a liquid and growing microbial cultures.



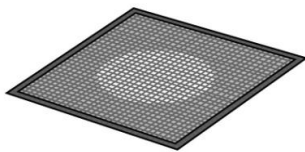
### **Test tube rack**

Keeping test tubes upright



### **Watch glass**

Holds a small volume of liquid or solid and can also be used as a lid for a beaker.



### **Wire gauze mat**

Placed on top of a tripod to spread the heat from a Bunsen flame.