



What do Cells look like?!

# Monday, October 24, 2016

Your Objective:

Students will come up with “need to knows” after observing cells under a microscope

Catalyst(18L): Write the steps for using a microscope properly



Homework:

N/A Short Week!

Agenda:

1. Catalyst
2. Preparing a wet mount
3. Looking under the microscope

Catalyst:

Write the steps for using a microscope properly

The first step for using a microscope properly is...

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Reflection:

Cell observations

10/24/16

**18L**

**18R**

Catalyst:

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Reflection:

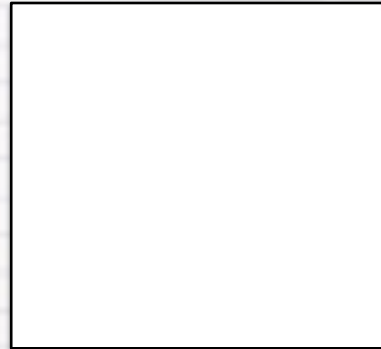
**18L**

Cell observations

10/24/16


Onion Cells

Detailed description



Cheek Cells

Detailed description



**18R**

# How to use the microscopes

## LOW and MEDIUM POWER

- Place the slide on the stage
- Stage clips are not necessary
- Click nosepiece to the low (shortest) power lens
- Look into the eyepiece
- Turn the coarse focus knob until image is clear

6. Once the slide is focused, rotate the nosepiece to the medium power lens
7. Refocus using the coarse focus knob
8. Move slide to get a centered view

## **HIGH POWER**

9. **Your slide MUST be focused on medium power before attempting this step. Once it is focused and centered on medium power, DO NOT MOVE the slide.**
10. Click the nosepiece to the high power lens
11. Do **NOT** use the coarse focus knob
12. Refocus using the fine focus knob.

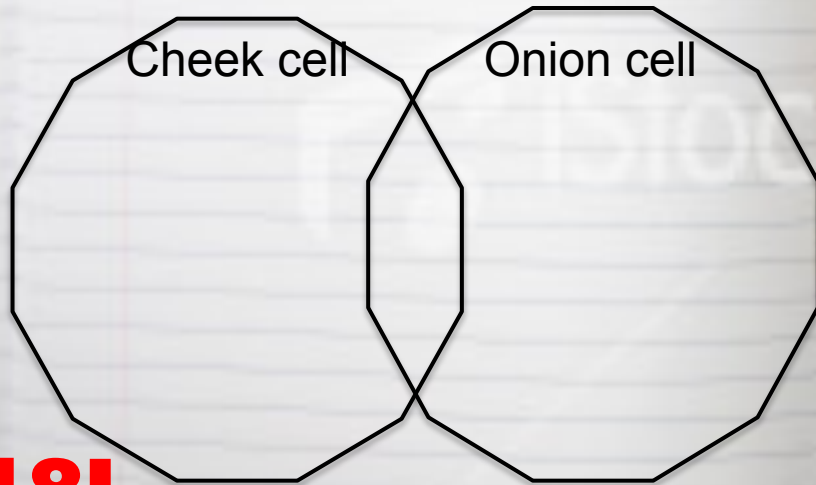
**Catalyst:**

Write the steps for using a microscope properly

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**Reflection:**



**18L**

Both

**Cell observations**

**10/24/16**

Onion Cells

Detailed

description

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Cheek Cell

Detailed

description

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**18R**

