

Human Cheek Cell Internet Lab using a Virtual Microscope

Name: _____ Date: _____ Hr.: _____

Introduction: If you missed the microscope lab we did in class, you will need to make it up by using a “virtual microscope” which can be accessed on the internet. The virtual microscope is a little more complicated than the microscope we used in the lab, but it will not be difficult to use.

Access the Virtual Microscope at <http://www.udel.edu/biology/ketcham/microscope/> click on the link that says “the virtual scope”.

1. Familiarize yourself with the microscope, run the tutorial and examine the parts you will be working with.
2. List the 3 parts of the Cell Theory
 - a.)
 - b.)
 - c.)

3. Describe or define each of the following

Cell membrane –

Cytoplasm –

Nucleus –

Organelle -

3. View the slide labeled cheek smear. Sketch the image at Scanning, Low, and High Power.
Label on high power the Cell Membrane, Cytoplasm, and Nucleus.

Scanning (4)	Low (10)	High (100)
		

