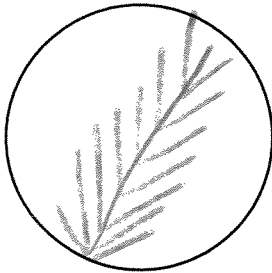


RESEARCH TOOL TWO - Electric Microscope

Use the electric microscope to view the feather (wing feather) and the paramecium. Remember to start with the low power objective lens and move onto the larger lenses. **ONLY USE THE FINE FOCUS CONTROL WITH THE 40X LENS!** Sketch one of the specimens and answer the following questions.



Name of specimen feather

Magnification of specimen 40 X

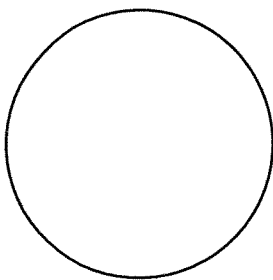
What are the advantages of using the electric microscope? *you can manipulate with two hooks, thus ensuring comfort in viewing*

What are the limitations of this particular tool? Explain. *diff. ab. to correctly position the specimen. Some of the time, it is*

What else would you like to learn about this research tool? *A way to partially 1. the light source*

RESEARCH TOOL THREE - Brock Magiscope

Use the Brock Magiscope to view the textiles (the colorful one) and the cheek cell. Sketch one of the specimens and answer the following questions.



Name of specimen cheek cell

Magnification of specimen 50 X

What are the advantages of using the Brock Magiscope? *It is non-electric, making easier to deal with and it also just needs to be set up and down properly.*

What are the limitations of this particular tool? Explain. *Sometimes, it is difficult to because it needs to stay up and down properly.*

What else would you like to learn about this research tool? *Exactly how the light tube provides all of the light.*