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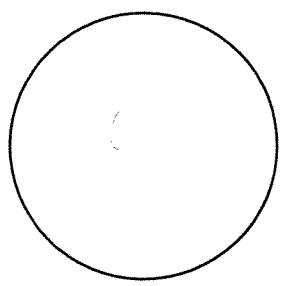
MICROSCOPIC TOOLS ASSESSMENT

Your team of consultants has been hired by a local biomedical firm to evaluate different microscopic tools. Based upon your research and evaluation, the firm will use your findings to purchase new laboratory equipment. Your team will need to:

- view five different specimens using five different tools
 - examine and sketch the specimens
 - answer/generate questions about the specimens and tools
 - compare and contrast the advantages and disadvantages of the different tools.
- Additionally, your group will need to report their findings to the project manager's online blog.

RESEARCH TOOL ONE - Online Microscope

Use the online microscope (<http://www.udel.edu/biology/ketcham/microscope/scope.html>) to view the bacteria capsule and the cheek smear. Don't forget to use the checklist and to change views to observe the slides. Sketch one of the specimens below and answer the following questions.



Name of specimen cheek smear

Magnification of specimen 40 X

What are the advantages of using the online microscope? It allows to view a specimen without the tedious, time-consuming process of a traditional microscope.

What are the limitations of this particular tool? Explain. Some of the limitations of the microscope, the computer doesn't record.

What else would you like to learn about this research tool? How to use the microscope to view a specimen.