

Lab 2 Objectives

8/11/08 11:26 AM

During the lab period:

1. Lecture on Chapter 4 (Tissues).
2. Discussion of tissue identification keys.
3. Work on Part 1 of the System Assignment for tissues.

Before the next lab period:

1. Complete Part 1 in the System Assignment.
2. The next lab will be dedicated to testing your key using prepared slides of the various tissues for which you are responsible.
 - Make sure you bring a rough draft of your key so I can give you comments.
 - One rough draft per lab group is fine, but each person will need to turn in his/her own when the project is submitted for a grade.
3. Make sure you have a **bound** notebook for your Histology Notebook for the next lab.
 - If you don't know what I mean by *bound*, please ask.

Additional resources:

1. Usually, the hardest part of this assignment is figuring out what a identification (or dichotomous) key is.
2. Here is a discussion of how biologists often use these keys:
http://en.wikibooks.org/wiki/Dichotomous_Key
3. Your best bet is to check out the bulletin board outside room S-216 (next door to our lab). We've put together a nice example of a dichotomous key that identifies selected orders of insects.
4. Here are a couple of online examples:
 - Identifying species of trees: <http://oregonstate.edu/trees/dk/>
 - Identifying insects:
<http://nerds.unl.edu/pages/preser/sec/skills/dkeys.html>