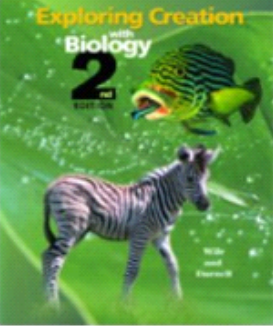




M01 Labs

Monday, June 08, 2009
4:39 PM

VoiceThread <http://voicethread.com/share/559023/>

Slides	Notes
 <p>Module 01: Biology, The Study of Life</p> <p>Lecture 1: What is Life Lecture 2: Scientific Method Lecture 3: Biological Classification</p> <p> Lab: The Microscope, Biological Key, Spore Classification</p> <p>Interactive Practice</p>	
<p>X10 X4 X10 X40</p> 	<p>eyepiece arm stage clips coarse focus fine focus nosepiece objectives on/off switch diaphragm stage illuminator base</p> <p>Many ways to do this as an activity after the teacher has taught the parts of the microscope. You can call out the part name and have them point to it on the microscope using pointers.</p> <p>Discuss how to compute the magnification - the eyepiece is 10x you multiply it by the objective lens magnification.</p>



Field Microscope

Field microscopes are designed to be used out in the field and are rough and tough.

<http://www.udel.edu/biology/ketcham/microscope/scope.html>

You are
Looking at
the microscope

- switch views
- checklist
- getting started
- try this



<http://www.udel.edu/biology/ketcham/microscope/scope.html>

This is an excellent interactive. Use app share to one pass together then web tour for them to try it themselves.

<http://pick4.pick.uga.edu/mp/20q>


Discover Life | All living things
Help | Guides | Images off | Report | Search



IDnature guides

To start a guide, click on its blue link.

All guides are under construction and may contain errors.

Plants	Vertebrates	Fungi
		
Burseraceae , Peru Ferns , North America Flora , Neotropics Frullania Liverworts , World Ginseng genera , World Grasses, Sedges & Rushes , North America	Birds , North America Frogs & Toads , World checklist Frogs & Toads , North America Frogs & Toads , Panama Lizards , North America	Fungi , North America Graphis , World Chaetosphaeriaceae Hysteriaceae Tuberiaceae Xylariaceae Other

<http://pick4.pick.uga.edu/mp/20q>

Introduce the students to this really great site for identifying organisms.



See if they can use the site to find this organism's species name.




Introduce the game Spore and let them know that the creature creator part of the game can be downloaded free.



Ladnar



Here are some creatires from past biology students. What features would you use to classify them into groups?



💡 Link to the Online Classroom for the live lecture

Week 1:

- Lecture 1: What is Life? (VOICETHREAD)
- Lecture 2: Scientific Method (VOICETHREAD)
- Lecture 3: Biological Classification (VOICETHREAD)

Week 2:

- Lab: Web cam Microscope tour; Using a Biological Key; Making a Spore Creature Classification System
- Interactive Practice
 - W - Group Review Game Day
 - TH - Self-Paced Study Day

Module Lab Reports and Project Ideas (for extra credit):

Use the assignment uploader to upload your lab reports and special project reports. Just click the link on the appropriate lab listed below.

- 📁 Apologia Biology M01 Experiment 1.1: Using Biological Keys
- 📁 Biology Exp. 1.2: Using a Biological Key - Lab Starter
- 📁 Apologia Biology M01 Experiment 1.2: Introduction to the Microscope
- 📁 Biology Exp 1.2: Using a Microscope - Lab Starter
- 📁 Extra M01 Lab: Spore Creature Classification Creation

Practice (Lecture) Quizzes:

Required: OYO, Study Guide, and previews of exam questions organized by lecture. You

Let the students know that there are lab report starters and that they can use the lab uploader to turn in their labs for extra credit.

Download a LAB STARTER.
Upload your lab report here.

Submission draft

Upload a file (Max size: 20MB)

Notes

Final submission for assignment marking

Explain how to upload the labs once in the lab uploader.

How to make a blood smear slide: <http://www.youtube.com/watch?v=iA6ce-3sYgk>