

**This Cycle's Focus**  
Taxonomy-Bacteria-Viruses

Ms. Fiegel's Biology Planner  
Cycle 2 1/21-2/2/2010

Reminders:  
Next quiz: 1/29 Quiz-Classification  
Next test: ???  
Next project: ???  
\* CBN due this cycle **by 9:00 p.m. 2/2-See Bb!**

**Day 1 1/21**

**Classwork:**

1. Complete the following topics and practice quizzes from (<http://anthro.palomar.edu/animal/default.htm>). Take notes.

Introduction

Principles of Classification

Kingdom to Subphylum

Class

2. Discuss dichotomous key activity.

**Homework:**

1. Read 18-2+3. Complete wkbk pages.
2. Begin studying notes from website used in class.

**Day 2 1/25**

**Classwork:**

1. Branches on the Tree of Life: Viruses and Bacteria DVD (37min.)- Complete questions with a partner.
2. View bacteria shapes under microscope.

**Homework:**

1. **Heads up....DUE 1/29 !!!** Complete Ch. 18 Assessment #1-25. Short answer questions must be in complete sentences.
2. Reminder- CBN due 2/2 9:00p.m. submitted to Bb

**Day 3 1/27**

**Classwork:**

1. Introduction to formal lab reports.
2. Visit Science Fair - Project Critique

**Homework:**

1. Read 19-2(Viruses). Make a concept map summarizing key concepts.
2. Study for Quiz – classification
3. Bring lab manual to class!

**Day 4 1/29**

**Classwork:**

1. Classification Quiz
2. Prelab – Bacteria Lab – Take notes. Begin typing prelab.

**Homework:**

1. Read carefully antibiotics and bacteria lab handouts.
2. Research and write a short paragraph that includes the following: 1) *Bacillus cereus* and *Escherichia coli* bacteria - are they Gram + or Gram-? and What does this mean? 2) Antibiotics: Ampicillin, tetracycline, and chloramphenicol - Which types of bacteria should these affect?

**Day 5 2/2**

**Classwork:**

1. Write a purpose and hypothesis for the bacteria lab.
2. Write a narrative method and materials section of your formal lab report.

**Homework:**

1. Read 19-1 Bacteria. Complete concept map summarizing main concepts.
2. Bring goggles and dish towel for lab.
3. Study for quiz - Formal lab Reports