

CP Biology Pacing Guide

1st Nine Weeks

I. Science Process Skills Chapters 1-2, (7 days)

Resources: Holt, Modern Biology

Activities:

1. Discuss techniques using the scientific method involving observation, classification, metric measurement, prediction, inferences, collecting, and analyzing data.
2. Laboratory exercise: Metric Measurement and Scientific Classification.
3. Discuss the importance of laboratory tools and safety during the lab.
4. Lecture/notes/discussion on Chapters 1 and 2.
5. Exit Exam Vocabulary words and Flash Cards.
6. Lab: "What is Life?"
7. Lab: "Introduction to the Microscope"
8. Handout-defining branches of biology.
9. Section Review Questions
10. Chapter Review, 1-20

Evaluation:

1. Daily quiz on lab tools safety and lab procedures.
2. Lab grades
3. Test over scientific method and lab safety.
4. EEV Quiz
5. Chapters 1 and 2 Test

QCC Objectives: 5.9-12.1 (Science process skills)
5.9-12.2 (Lab safety practices)
5.9-12.3 (Significance of biology on daily life)

II. Chemistry, Chapter 3 (7 days)

Resources: Holt, Modern Biology; Library video #560, "Periodic Table;"
Department videos #40, "Chemistry in Living Cell," #20, "Basic Chemistry"

Activities:

1. Lecture/notes/discussion, Chapter 3.
2. Interpreting the Periodic Table.
3. Lab: Acids/Bases, 3.1
4. Videos
5. EEV
6. Demonstration – Solution/Mixtures