

Biology Unit Schedule: Weeks 19-21

Unit	Chapter(s)	Essential Questions:
Biochemistry	2	-What are the biochemical compounds that make up organisms? -What are these biochemical compounds used for and why are they important?
Cell Theory and Cell Structure and Function; Bacteria and Protists	7	-What are the parts of the cell and how do they function? -How do cells perform life functions? -How do cells work with other cells in multi-cellular organisms? --How do unicellular and colonial bacteria and protists perform life functions?

Timeline:

Date	In Class	Activities	Homework
Week 19	Chapter 2 Pretest Discuss Chapter 2	Correct ?'s #1-6 p. 39, 1-5 p. 43, 1-4 p. 48, 1-5 p. 53 Video: "An Inconvenient Truth"	Read Chapter 2 and take notes Do ?'s #1-6 p. 39, 1-5 p. 43, 1-4 p. 48, 1-5 p. 53 Study for Chapter 2 Pretest Video: "An Inconvenient Truth" Do Study Questions for video—see below
Week 20	Discuss Chapter 2	Video: "An Inconvenient Truth" Lab: "Investigating the Effect of Temperature on Enzyme Activity" p. 27 "Unit 1: The Nature of Life" worksheet packet Do Chapter 2 Vocabulary Review p. 23-24 "Unit 1: The Nature of Life" worksheet packet	Video: "An Inconvenient Truth" Do Study Questions for video—see below Read Lab: "Investigating the Effect of Temperature on Enzyme Activity" p. 27 "Unit 1: The Nature of Life" worksheet packet Do Chapter 2 Vocabulary Review p. 23-24 "Unit 1: The Nature of Life" worksheet packet Study for Chapter 2 Test
Week 21	Chapter 2 Test Chapter 7 Pretest Discuss Chapter 7	Exploration: Cell Structure and Function p. 13-15 "Unit 3: Cells" worksheet packet Do Chapter 7 Vocabulary Review p. 9-10 "Unit 3: Cells" worksheet packet	Read Chapter 7 and take notes Do ?'s #1-5 p.172, 1-6 p.183, 1-5 p.189, 1-5 p.193 Chapter 7 Pretest-study
Week 22	Chapter 7 Test	Do Cell Diagrams	Cell Diagrams—see below Study for Chapter 7 Test

Cell Diagrams - Animal Cell, Plant Cell, Prokaryotic cell - On a regular sheet of typing paper, draw labeled diagrams of each of these cells (one per page). On the back of each page, list the organelles and define their function and purpose.

An Inconvenient Truth

Study Questions

Directions: Answer the following questions on a separate sheet of paper based on what you learned from the video.

1. What is the “inconvenient truth” that Al Gore is talking about?
2. List and describe five factors that play a part in this “inconvenient truth”.
3. List and describe five effects that this “inconvenient truth” is having.
4. Why is this issue a difficult one to solve? List and describe at least five reasons.
5. Why does Al Gore argue that the “inconvenient truth” is a moral issue rather than just a political issue at this point in history?
6. What does Al Gore suggest that we do about this “inconvenient truth”?

For more information on the video, the science involved, and what you can do to take action; see the website below:

<http://www.climatecrisis.net/>