

Part 1: Big Picture Timeline

1. In the space provided, and using the timeline from the class notes as a model, draw your own table/timeline of the history of technology and society with the following features:
 - a) four labeled periods/chapters with three dividing lines between them—and the *dates for the lines*
 - b) the names of the inventions/events that are the reason for the lines
 - c) the *names* of three inventions/events that are especially important to each modern period (no *dates*)
 - d) the life expectancy of human beings at the beginning and end of the timelines
 - e) a brief explanation of the names of the four periods

Part 2: Power Revolutions

2. What is the first power revolution in industrial history? How did it lead to textile and transportation revolutions as well?

3. Why is the technology for the extraction of oil and refinement of gasoline so important to industrial history?

Part 3: Food and Medicine

4. How did increased food production occur in the *industrial* period? What social change resulted? How did electrical technology facilitate this new pattern of life?

5. What is the Green Revolution, and why is it important?

6. What are three major advances that have propelled industrial medicine to its current level?

Part 4: Technology and Society

7. What are the representative technologies of the four chapters of the history of transportation?

8. Why do *Luddism* and *transcendentalism* have in common, and in what way(s) do they differ?

9. What is the difference between environmentalism and the earlier anti-industrial ideologies conservationism and preservationism? What developments in technology spawned this new way of thinking?
