

Cell Theory: Historical Timeline Activity

PART 1: Research the following people. List some of their contributions to science during the dates listed. You may use bulleted notes and do not have to write using complete sentences.

SCIENTIST	DATES	CONTRIBUTIONS
Robert Hooke	1665	
Hans & Zacharias Jansen	1590	
Anton van Leeuwenhoek	1680's	
Matthias Schleiden	1838	
Theodor Schwann	1839	
Rudolph Virchow	1855	

PART 2: Draw a timeline showing the chronological order of these scientists and their contributions.

- ◆ Draw your timeline on the bottom half of the back of this paper. Be sure to use a ruler or other implement as a straight edge on your timeline.
- ◆ Label the timeline with dates of the above scientists' discoveries.
- ◆ The earliest date should be on the left side of the timeline and the most recent date on the right.
- ◆ Label each date with the corresponding scientist's name and contribution(s) in an organized and legible manner.
- ◆ Be sure the spacing of the entries shows a reasonable approximation of the amount of time elapsed between dates.

PART 3: Questions

1. To which theory did these scientists provide evidence?

2. Which instrument was necessary before the cell theory could be developed?

3. Which 3 scientists directly contributed evidence for the cell theory? _____

4. How did the earlier scientists and their contributions directly affect the discoveries of later scientists (see question #2)? For example, what had to come first? _____

5. List the three parts of Cell Theory.

1) _____

2) _____

3) _____

TIME LINE 