

Cell Theory: Historical Timeline Activity

PART 1: Watch this video (<https://www.youtube.com/watch?v=4OpBylwH9DU>), then 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 Janssen | 1590 | |
| Anton van Leeuwenhoek | 1680's | |
| Matthias Schleiden | 1838 | |
| Theodor Schwann | 1839 | |
| Rudolph Virchow | 1855 | |

Part 2: Draw a timeline on the back of this sheet!

- Use a ruler
- Earliest date on the left—most recent on the right
- Be sure the spacing of the dates show an approximation of the amount of time elapsed between dates
- All six (6) scientists must be on the timeline
- All six (6) dates must be included on the timeline
- Label each date with the corresponding scientists name and contributions

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 

