

Name _____ Date _____ Hour _____

Purpose: To learn about the scientists who contributed to the development of the Cell Theory and to the rejection of spontaneous generation.

Task: You will use internet resources to create a timeline that begins with the invention of the compound microscope to the experiments that finally dispelled the outdated idea of spontaneous generation. After completing your timeline, you should summarize the three parts of the cell theory in your own words.

The Scientists:

1. Anton van Leeuwenhoek
2. Louis Pasteur
3. Matthias Schleiden
4. Robert Hooke
5. Rudolf Virchow
6. Theodore Schwann
7. Francesco Redi
8. Zacharias Jansen

In doing your research be sure to think about following questions about each scientist and include the information on the timeline.

1. How did this scientist contribute to the cell theory? (make sure your information that you provide is related to the cell theory specifically)
2. When did the scientist make his contribution to the Cell Theory?
3. How did this scientist's invention, idea, or experiment help lead to the rejection of spontaneous generation?

Your Timeline will be graded by the following rubric

	Beginning Level-1pt	Accomplished -5pts max	Exemplary -10pts max
Accuracy of Information	Information shows no research, many items are incomplete or missing. Information was copied and pasted from sources.	Information contains minor errors and/or missing some information,	Information is accurate and complete.
Creativity and Neatness	Creativity is complete lacking, no color or images used.	Some effort to be creative. Color and images may not be relevant to the assignment	Assignment is colorful, original and includes images
Grammar	Multiple grammatical errors. Information is difficult to read and understand.	Some grammatical errors. Information may be difficult to read and understand	No grammatical errors detected. Information is written in a concise manner

