

CELL THEORY TIMELINE

You are to work in teams of three to **research, design and create a poster or computerized document or presentation that depicts the timeline related to the development of the cell theory.** Your timeline should progress through the ideas of spontaneous generation of life to the idea that life comes from pre-existing life.

You have access to the following materials:

- Textbook
- Computer with Internet access
- Colored paper
- Pens
- Poster board
- Butcher paper
- Scissors
- String
- Glue
- Rulers
- Meter sticks

Your poster will be scored for:

- Relative accuracy of dates (exact dates aren't necessary, just the order of the dates in relation to one another)
- Accuracy of the information
- Neatness and legibility
- Use of color, text size and visuals for depicting important information
- Each class will vote for one poster to be awarded extra credit

Your timeline must include **contributions or beliefs** of:

- Andreas Vesalius
- Anton van Leeuwenhoek
- Aristotle
- Ancient Egyptians
- Francesco Redi
- Hans and Zacharias Janssen
- Jean Baptiste Lamarck
- John Needham
- Lazzaro Spallanzani
- Lorenz Oken
- Louis Pasteur
- Matthias Schleoden
- Medieval Europeans
- Robert Brown
- Robert Hooke
- Rudolf Virchow
- Theodor Schwann

HINT: don't just state what the people did... you need to explain how their observations/research helped lead to the development of the cell theory.

Your poster/document/presentation **must have three sections**, organized and laid out as you wish:

1. The timeline
2. The three parts of the cell theory
3. A section about the *way science works* (AKA "the nature of science"). In this section, respond to this question: "how does the formation of the cell theory over time illustrate the nature of science?"