

“Modern” Biology TimeLine-

The time line will help you put things in perspective.

Many of these events are highlighted in the video you just saw.

1500-2018 CE

1 mm = 6 months

10 cm = 50 years

2 mm = 1 year

20 cm = 100 years

1 cm = 5 years

1 m = 500 years

Use a SHARP pencil- Your line should be 1.14 m long, the paper a bit longer to have space at either end.

This is an individual assignment. (You are encouraged to work in groups, essentially producing copies of the same line, but, each person needs to have a line!) There is a great deal here, and you may actually have to cooperate to get it done without having to finish up as homework.

Your name should be on the back on both ends (past and present.)

- 1) Look up the key events listed below and put their dates on the time line
- 2) If more than one event or date needs to be noted for a given year use numbers or symbols to refer to the position on the line.
- 3) Include your birth year 😊
- 4) Include the opening year of Mourning Senior High

Avery-MacLeod-McCarty-DNA causes bacterial transformation
Brown-nucleus
Darwin publishes On the Origin of Species
Darwin’s Voyage of the Beagle Starts
Gould & Eldridge publish on Punctuated Equilibria
Hooke-Cell
Jenner-1st smallpox inoculation
Leeuwenhoek-animacules
Leeuwenhoek-inducted into Royal Society
Linnaeus publishes "System of Nature"
Lister-2 lens microscope
Lyell publishes Principles of Geology
Lynn Margulis publishes on

Endosymbiosis
Mischer-nuclein (DNA)
Pasteur- disproves spontaneous generation
Redi disproves the spontaneous generation of maggots
Remak-Embryology
Schleiden proposes part of Cell Theory
Schwann proposes part of Cell Theory
Virchow plagerizes Remak and proposes part of Cell Theory
Virchow-All cells from other cells
Watson & Crick - Structure of DNA
Watson, Crick, Wilkins get Nobel Prize