DNA TIMELINE Name: _____

Your task is to create a TIMELINE of the major discoveries related to heredity and DNA. The timeline may be completed by hand or with the aid of a computer. Your completed timeline must include the **DATE,** and **CONTRIBUTION** of all of the following:

- Friedrich Miescher
- Phoebus Levine
- Oswald Avery
- Fred Griffith
- James Watson
- Francis Crick
- Rosalind Franklin
- Maurice Wilkins
- Gregor Mendel
- Thomas Hunt Morgan
- William Astbury
- Oswald Avery, Colin MacLeod, and Maclyn McCarty
- Linus Pauling
- Erwin Chargaff
- Alfred Hershey and Martha Chase
- Marshall Nirenberg, H. Gobind Khorana, Francis Crick, George Gamow
- Werner Arber
- Paul Berg
- Fred Sanger
- Kary Mullis
- Francis Collins
- Celera Organization and US Department of Energy

You may find the following websites to be helpful:

- http://www.dnaftb.org/dnaftb/
- http://www.dnai.org
- http://www.pbs.org/wnet/dna/timeline/index.html

Your timeline will be scored on the following criteria:

CRITERIA	4	3	2	1
Documentation of Events (points X2)	ALL significant events are present. This includes date and description.	Most significant events are present. This includes date and description.	Some significant events are present. This includes date and description.	Very few (3 or less) significant events are present. This includes date and description.
Accuracy (points X2)	All dates indicated on timeline are correct and are sequenced in the proper order.	At least 1 of the dates or sequences is not in the proper order.	At least 2 of the dates or sequences are not in the proper order.	At least 3 of the dates or sequences are not in the proper order.
Legibility	Legible handwriting, typing, or printing.	Marginally legible handwriting, typing, or printing.	Writing is not legible in places.	Writing is not legible.
Graphics	There is a clear title and there are at least five that illustrate the events	There is a clear title and there are at least three graphics that illustrate the events	There is a clear title and there is at least one graphic that illustrate the events	There is no title OR there are no graphics that illustrate the events

The completed DNA timelines are due TUESDAY, DECEMBER 12th.

Please staple this sheet to the front of your timeline prior to turning it in ☺