**AP Biology History of Genetics Assignment**

Go to: http://powerofthegene.com/history-of-genetics/#friedrich-miescher to answer questions about important scientists in the history of genetics.

1. Look at the timeline on this page. Who did the following:
   1. Who discovered DNA?
   2. What came first, the discovery of DNA or the field of genetics? What started the first thing?
   3. What did Watson and Crick do?
2. Next, look at the side bar with scientists’ names. For each of the following scientists, describe their experiments and how they contributed to the field of genetics or to our understanding of DNA:
   1. Thomas Hunt Morgan-
   2. Avery, MacLeod, and McCarty-
   3. Chargaff-
   4. Rosalind Franklin-
3. Finally, go to <http://highered.mheducation.com/olcweb/cgi/pluginpop.cgi?it=swf::535::535::/sites/dl/free/0072437316/120076/bio21.swf::Hershey+and+Chase+Experiment> and watch the video. Describe the Hershey-Chase experiment and what it proved.

**AP Biology History of Genetics Assignment**

Go to: <http://powerofthegene.com/joomla/index.php/jistory-of-genetics> to answer questions about important scientists in the history of genetics.

1. Look at the timeline on this page. Who did the following:
   1. Who discovered DNA?
   2. What came first, the discovery of DNA or the field of genetics? What started the first thing?
   3. What did Watson and Crick do?
2. Next, look at the side bar with scientists’ names. For each of the following scientists, describe their experiments and how they contributed to the field of genetics or to our understanding of DNA:
   1. Thomas Hunt Morgan-
   2. Avery, MacLeod, and McCarty-
   3. Chargaff-
   4. Rosalind Franklin-
3. Finally, go to <http://highered.mheducation.com/olcweb/cgi/pluginpop.cgi?it=swf::535::535::/sites/dl/free/0072437316/120076/bio21.swf::Hershey+and+Chase+Experiment> and watch the video. Describe the Hershey-Chase experiment and what it proved.