

Name: _____ Date: _____ Period: _____

DNA Unit: DNA Webquest

Part 1 - History, DNA Structure, DNA Replication

DNA History

<http://www.dnafb.org/dnafb/1/concept/index.html>

Read the text and answer the following questions.

1. What have people wondered since the beginning of human history? _____
2. Who discovered that individual traits are passed on from one generation to the next? In what year? _____

On the menu at the right click on number 15 "DNA & proteins are key"

3. When was DNA discovered as a major chemical of the nucleus of cells? _____
4. In the early 1900s what molecule was considered to be a better candidate to transmit hereditary information from one generation to the next? _____
5. Why was protein considered to be a better candidate as the hereditary molecule than DNA? _____

On the menu at the right click on number 16 "one gene makes one protein"

tRNA _____ C U C _____ U U G _____ A U U
AA _____ ALA _____ PRO _____