

Name _____

Date _____

A Structure for Deoxyribose Nucleic Acid

By James Watson and Francis Crick



Directions: In 1953, Watson and Crick rocked the scientific world when they published this one-page paper. Read this informational text passage and complete the questions on the following pages of this graphic organizer. You may want to read the questions below before you begin reading the passage.

**What is the purpose of this article?
(Why did Watson and Crick write this article?)**

Summarize Watson and Crick's description of the DNA molecule.





Name _____

Directions: Choose 4 vocabulary words used in the article that are new to you. Complete the following for each new word.

Vocabulary Word:

Based on the text, I believe the word means:

The actual definition from a glossary or dictionary is:

Vocabulary Word:

Based on the text, I believe the word means:

The actual definition from a glossary or dictionary is:

Vocabulary Word:

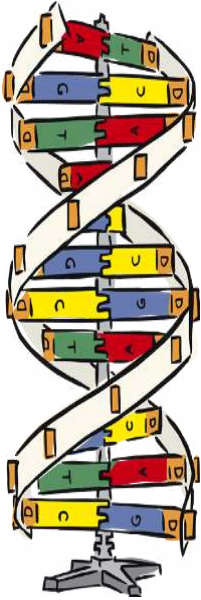
Based on the text, I believe the word means:

The actual definition from a glossary or dictionary is:

Vocabulary Word:

Based on the text, I believe the word means:

The actual definition from a glossary or dictionary is:



In the third paragraph from the end Watson and Crick state, "It has not escaped our notice that the specific pairing we have postulated immediately suggests a possible copying mechanism for the genetic material." This may be the biggest understatement in the history of biology. What is the historical significance of this statement?

If you could interview Watson and Crick, what 2 questions would you ask them?

1. _____

2. _____

This article was published over 50 years ago. What impact has this information had upon our everyday lives?
