

ABOUT THIS PACKET

The Close Reading Passages in this packet allow students to work on comprehension skills. After reading the passage several times searching for evidence.

TASK	OVERVIEW
TASK 1: FILL IN THE BLANK	The Fill in the Blank task has students using context clues to support the correct answer. Certain words are omitted, and students will use the word bank to find the correct answer.
TASK 2: VOCABULARY	The Vocabulary activity helps kids understand new or unfamiliar words before they complete further activities.
TASK 3: CROSSWORD	Students will reread the passage searching for answers to the crossword puzzle.
TASK 4: TEXT MARKING	Students will reread the passage again looking for text-marking evidence and annotating the text.
TASK 5: TRUE OR FALSE	Now that students have read the passage several times, they should be able to answer the True or False questions with very little reference back to the reading. This task helps to show overall comprehension of the passage.
TASK 6: SUMMARY	After identifying key vocabulary words, searching for evidence and text-marking, students will fill out the final summary graphic organizer.
GRADE LEVEL	PASSAGE
4	MIDDLE
4	END
5	BEGINNING
5	MIDDLE
5	END
6	BEGINNING
6	MIDDLE
6	END
7	BEGINNING

TASK 1: FILL IN THE BLANK

Directions: Use the words below to fill in the reading.

	heredity	different
two	proteins	helix
microscope	inherit	nucleotides

DNA and genes are found in the human body, and they are what make each human _____. When a baby is born, genes are passed down from the parents to the offspring. Genetics explains how babies get some of their parents' features but not others.

DNA stands for deoxyribonucleic acid, and it is unique to each human. It is a molecule found in each cell of the human body. DNA is made up of molecules called _____. DNA has four types of bases or nucleotides: adenine (A), thymine (T), cytosine (_____), and guanine (G). DNA is composed of nucleotides in a specific order. Every 3 letters are called a codon and they all connect together like a chain. There are thousands of letters in DNA, held together by phosphate and deoxyribose. Each person has a unique sequence (order) of the nucleotide letters, and this determines how one person will be different from another. A double _____ is the name given to the spiral ladder shape of DNA molecules.

Genes can be found inside the DNA. Genes, carried by chromosomes, are the basic units of _____. They are very small and can only be seen with a powerful _____. The combinations of the DNA letters create the codes for the genes, which determine what a person will look like (such as hair color and eye color). Overall, there are about 20,000 genes in each person. Genes are passed down from a mother and father to their child. The child will _____ certain features from both parents. If a specific illness or trait (such as needing glasses to see well) runs in a family, it could be passed down to a child from the parent, as well.

Genes are like a blueprint and have specific instructions for the body on how to make _____, which are needed for cells to function. Genes make proteins through _____ steps: transcription and translation. Genes give

TASK 2: VOCABULARY PRACTICE

Directions: Choose 5 words from the reading that are unfamiliar or new to you and fill in the diagram below.



WORD



PICTURE

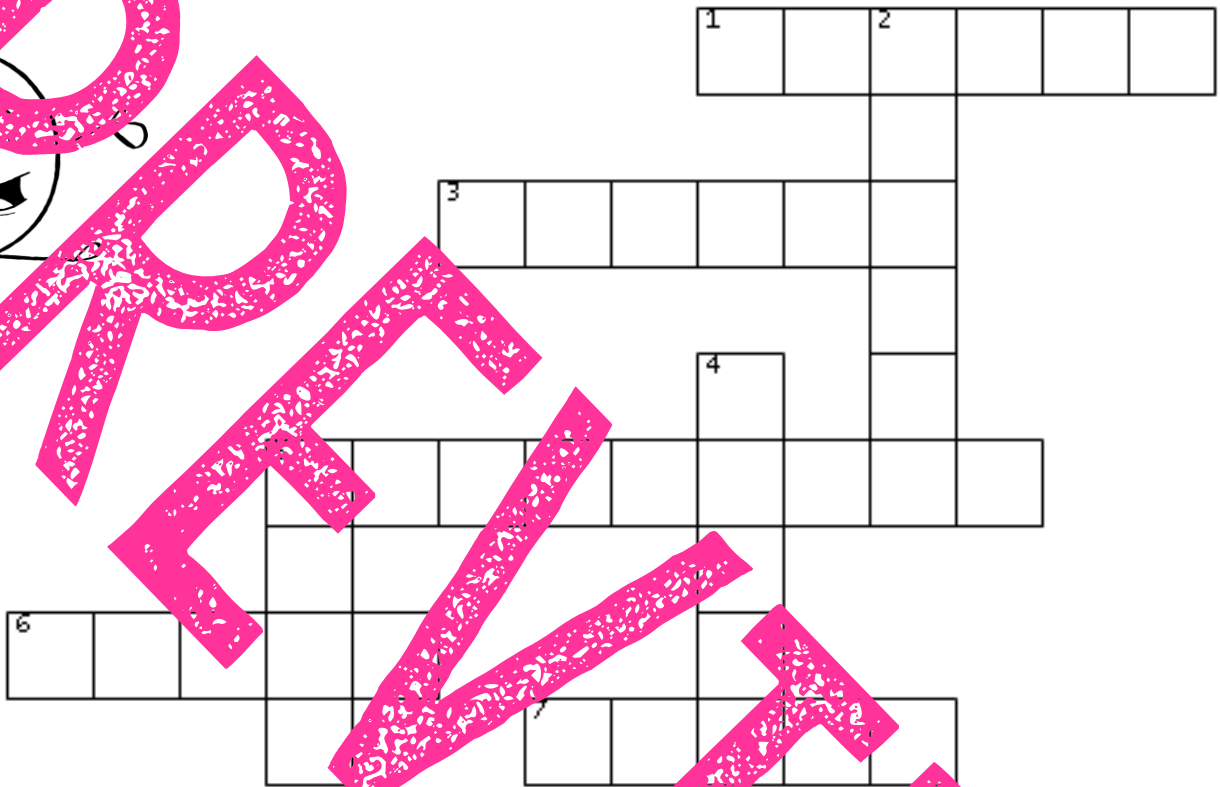


DEFINITION

PREPARED

TASK 3: CROSSWORD

Directions: Complete the crossword puzzle by reading the clues below and entering the correct response.



ACROSS

1. Genes passed on by your parents help determine your _____
3. Last name of the father of modern genetics _____
5. Non-sex chromosomes are called _____
6. A double _____ is the name given to the spiral ladder shape of DNA molecules
7. _____ are the basic units of heredity

DOWN

2. Each variation of a gene is called an _____
4. Every 3 letters are called a _____
5. DNA stands for deoxyribonucleic _____

TASK 6: SUMMARIZE



TOPIC SENTENCE



Blank lined area for writing the topic sentence.

SUPPORTING DETAIL

SUPPORTING DETAIL

SUPPORTING DETAIL

Blank lined area for writing the first supporting detail.

Blank lined area for writing the second supporting detail.

Blank lined area for writing the third supporting detail.



SUMMARY



Blank lined area for writing the summary.



SPARK SOME

creativity

**ESCAPE
ROOMS**

**SCAVENGER
HUNTS**

**SPY
MYSTERY**

**TEXT
DETECTIVE**

**SECRET
MESSAGES**

THINKTIVITY

BREAKOUTS

**READING
CHALLENGE**

**INTERACTIVE
NOTEBOOK**

**DIGITAL
ESCAPES**

**DIGITAL
BOARD
GAME**

**COLOR BY
NUMBER**

**TASK
CARDS
GAME**

**GOOGLE
SLIDES**

**GOOGLE
FORMS**

**PUZZLE
STATIONS**

**BOOM
CARDS**

BLOG