Name _____ Date _____ Class _____

Content Vocabulary

LESSON 3

DNA and Genetics

Directions: *Write the correct term in the boxes to the right of each definition. Then unscramble the letters in the shaded boxes to spell a seventh term.*

DNA	**mutation**	**nucleotide**	**replication**
RNA	**transcription**	**translation**	

1. a change in the nucleotide sequence of a gene

2. the copying of DNA

3. carries the code for making proteins from the nucleus to the cytoplasm

4. process that makes mRNA from DNA

5. nitrogen base + a sugar + a phosphate group

6. organism's genetic material

7. When they are unscrambled, the letters from the shaded boxes spell

_____, the process that uses RNA to make protein.

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