

## DNA Replication Worksheet

### The Big Idea!

The structure of DNA, the molecule of heredity, enables the molecule to copy itself.

### Concepts

- DNA is composed of nucleotides and is shaped like a double helix.

Sickle GGG CAT CTT TTT

A. Transcribed and translate the normal and sickle cell DNA.

B. Identify this as a point or frameshift mutation. Explain.

C. If the base sequence read GGG CTT CTT AAA instead, would this result in hemoglobin? Explain.