

Name \_\_\_\_\_

## The Mighty Guardians Inside You: Exploring the Immune System

### Short Answer Key

1. White blood cells are the foot soldiers of the immune system. Their role is to patrol the body and attack and destroy invaders that could make you sick.
2. Antibodies are special proteins produced by B cells. They help the immune system by latching onto and neutralizing specific invaders, like viruses or bacteria.
3. The immune system remembers past encounters with invaders by storing information about them. If the invader tries to attack again, the immune system can respond more quickly and effectively.
4. Scientists can develop vaccines to prevent diseases and create medicines to treat illnesses by understanding how the immune system works.

