The 7 Components of the Immune System!
The Immune System
-Your Body’s Best Defense-

Every day, your body fights off infections, germs, bacteria, and parasites. It is destroying these invaders, called pathogens, with the help of its number one defense: the immune system. The immune system’s job is to keep your body healthy. This requires many different parts of the body to work together against pathogens.

Let’s take a look at the seven main components of your immune system!
Located in the back of your throat, the **TONSILS** protects the entrance to your respiratory and digestive systems by destroying bacteria with the help of white blood cells.
Located underneath the middle of your breastbone and above your heart, the **THYMUS GLAND** stores white blood cells until they are mature, and then provides them with specific jobs.
Small, bean-shaped modules on the lymphatic vessels, LYMPH NODES are located primarily in your armpits and groin regions. They filter pathogens out of the lymphatic system.
Located inside your body's bones, **BONE MARROW** produces red and white blood cells. Red blood cells carry oxygen to other cells and body parts and remove carbon dioxide. White blood cells look for and destroy pathogens. The different types of white blood cells are phagocytes, B cells, and T cells.
The largest lymphoid organ in the lymphatic system, the **Spleen** is located to the left of your stomach and removes pathogens from the blood as it passes through.
Your body's largest internal organ, the **LIVER** contains white blood cells. These cells destroy bacteria in the blood as it passes through the liver. It also processes nutrients found in the blood and produces bile used in digestion.
Red and white cells travel throughout your body's BLOOD vessels. While white blood cells defend against pathogens, your red blood cells nourish your body.