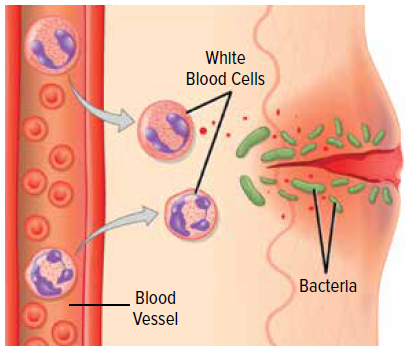
**1st Line of Defence:**

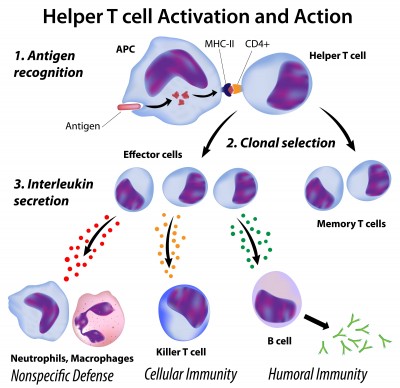
1. **Skin**
   1. a physical **\_\_\_\_\_\_\_\_\_\_** that keeps pathogens from **\_\_\_\_\_\_\_\_\_\_\_** the body
   2. **\_\_\_\_\_\_\_\_\_** and natural body **\_\_\_\_\_\_\_** **\_\_\_\_\_\_** some pathogens on the surface of the skin
   3. skin is **\_\_\_\_\_\_\_\_\_\_\_\_\_**so you can **\_\_\_\_\_\_\_\_\_\_\_** pathogens off of it
2. **Respiratory System**
   1. **\_\_\_\_\_\_\_** and **\_\_\_\_\_\_\_\_** (**\_\_\_\_\_\_\_\_\_\_** hairs) in your nose and throat **\_\_\_\_\_\_\_\_** pathogens and move them out of your body
   2. **\_\_\_\_\_\_\_\_\_\_** traps pathogens when you cough, **\_\_\_\_\_\_\_\_** and swallow you remove the pathogens from your body
3. **Digestive System**
   1. Strong **\_\_\_\_\_\_\_\_** in your stomach **\_\_\_\_\_\_** many types of pathogens
   2. **\_\_\_\_\_\_\_\_\_** traps pathogens and **\_\_\_\_\_\_\_\_\_\_\_** removes them from your body

**2nd Line of Defence**

1. **White Blood Cells/Macrophages**
   1. **\_\_\_\_\_\_\_\_\_\_** and kill pathogens
   2. Release **\_\_\_\_\_\_\_\_\_\_\_\_\_** that makes it easier for **\_\_\_\_\_\_\_\_\_** white blood cells to kill pathogens
2. **Inflammation**
   1. Your bodies response to an **\_\_\_\_\_\_\_\_\_\_\_** or **\_\_\_\_\_\_\_\_\_\_**
   2. The affected area becomes **\_\_\_\_\_\_\_\_** and **\_\_\_\_\_\_\_\_\_\_\_\_**
   3. White blood cells **\_\_\_\_\_\_\_\_\_\_** to the area and kill the pathogens



**3rd Line of Defence**

1. **T-cells**
   1. White blood cells that fall in to **\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
      1. **\_\_\_\_\_\_\_\_\_\_\_** T-cells – directly kill some pathogens
      2. **\_\_\_\_\_\_\_\_\_\_\_** T- cells – release chemicals to communicate with B-cells
      3. **\_\_\_\_\_\_\_\_\_** T- cells – remain in the lymph nodes and fight **\_\_\_\_\_\_\_\_** infections
2. **B-cells/Plasma Cells**
   1. White blood cells that make **\_\_\_\_\_\_\_\_\_\_\_\_\_**
3. **Antibodies**
   1. **\_\_\_\_\_\_\_\_\_\_** that **\_\_\_\_\_\_\_** with **\_\_\_\_\_\_\_\_\_\_\_\_** on the outside of pathogens and mark them for **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**