

BLOOD

- carries the materials throughout the body

Parts of the blood:

- **RED BLOOD CELLS**- made in bone marrow; carries oxygen, food, and get rid of CO₂ and waste
- **WHITE BLOOD CELLS**- help fight disease and infection by destroying bacteria and germs that enter the body. Made in the lymph nodes.
- **PLATELETS**- help blood to clot to prevent excess bleeding. ○ **PLASMA**- water portion of the blood; 55% of blood is plasma.

FOUR (4) TYPES OF BLOOD

TYPE A: 42% accepts A and O (Antigens)

TYPE B: 10% accepts B and O (Antigens)

TYPE AB: 3% accepts AB and O (Antigens)

TYPE O: 45% universal donor

BLOOD VESSEL

- carries the blood throughout the body

TYPES OF CIRCULATION:

1. PULMONARY CIRCULATION

- Movement of blood from the heart to the lungs and back to the heart.

2. CORONARY CIRCULATION

- Movement of blood through the tissues of the heart.

3. SYSTEMIC CIRCULATION

- Movement of blood from the heart to the rest of the body, excluding the lungs.

HEART

-pumps the blood throughout the body; a four chambered, approximately the size of your fist

PARTS:

- **Right Atrium**
- **Right Ventricle**
- **Left Atrium**
- **Left Ventricle**