

# Major Organ Systems in the Human Body

## HIERARCHY OF ORGANIZATION...

**CELLS → TISSUES → ORGANS → ORGAN SYSTEMS → ORGANISM!**

**Human Organ Systems** (Read page 96 and complete the table below)

#	Name of System	Organs involved	Function
1	<b>Circulatory</b>	Heart, Veins, Arteries	transports blood, nutrients, gases and wastes
2	<b>Digestive</b>	Stomach, Small & Large Intestine	takes in food and breaks it down absorbs nutrients removes solid waste from the system
3	<b>Respiratory</b>	Lungs, Trachea, Diaphragm	controls breathing exchanges gases in the lungs
4	<b>Excretory</b>	Kidney, Urinary Bladder, Urethra	removes liquid wastes from the body
5	<b>Immune</b>	Bone Marrow, Spleen, Tonsils	defends the body against infection
6	<b>Muscular</b>	Bicep, Tricep, Quadriceps	works with the bones to move parts of the body
7	<b>Endocrine</b>	Glands - pituitary, thyroid, ovaries, testes	manufactures and releases hormones that act (along with the nervous system) to keep various body systems in balance
8	<b>Reproductive</b>	Ovaries, Uterus, Testes,	includes reproductive organs for producing offspring
9	<b>Integumentary</b>	Skin, Hair, Nails	creates a waterproof boundary around the body
10	<b>Nervous</b>	Brain, Nerves	detects changes in the environment and signals these changes to the body which then can react
11	<b>Skeletal</b>	Femur, Tibia, Cranial bones	supports, protects and works with the muscles to move parts of the body