

God's  
**AMAZING**  
Design

**Review**  
**Game**



# Review Game

## God's AMAZING Design

*The precepts of the Lord are right, giving joy to the heart.  
(Psalm 19:8)*

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*My Body: God's Amazing Design Review Game*

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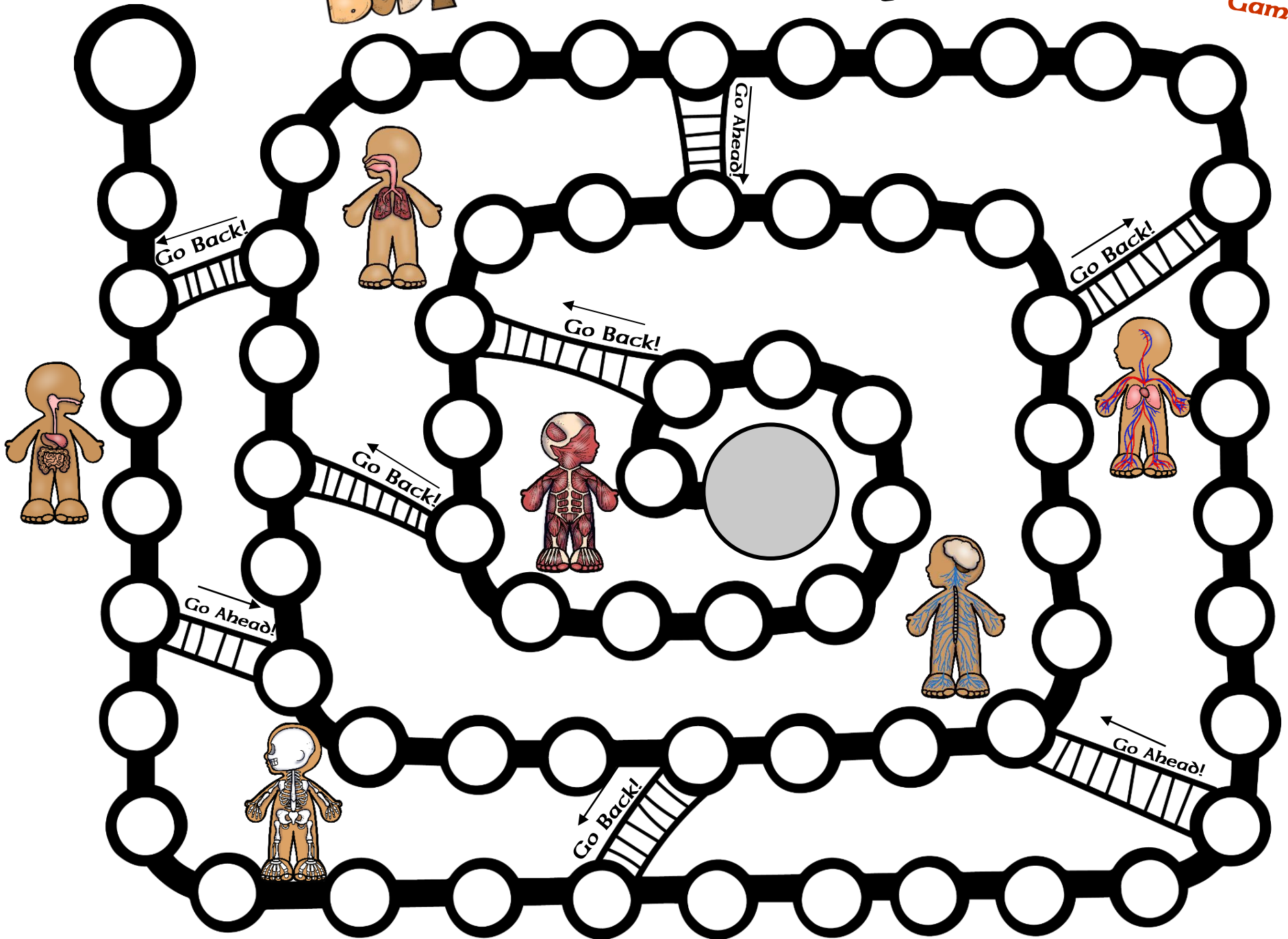
Thank you!

**START**

**MY BODY**

God's **AMAZING** Design

Review  
Game



<b>Cells</b>	<b>Cells</b>	<b>Cells</b>	<b>Cells</b>
<p>stores a supply of chemicals</p> <p><i>golgi bodies</i></p>	<p>core or center</p> <p><i>nucleus</i></p>	<p>sends chemicals to where they are needed and sends waste out of the cell</p> <p><i>ER – endoplasmic reticulum</i></p>	<p>lets things enter and leave the cell</p> <p><i>cell membrane</i></p>
<b>Cells</b>	<b>Cells</b>	<b>Cells</b>	<b>Cells</b>
<p>protect the cell by destroying bacteria</p> <p><i>lysosomes</i></p>	<p>help cells make more cells</p> <p><i>centrioles</i></p>	<p>the basic building blocks of life</p> <p><i>cell</i></p>	<p>power the cell</p> <p><i>mitochondria</i></p>

<b>Skeletal System</b>	<b>Skeletal System</b>	<b>Skeletal System</b>	<b>Skeletal System</b>
<p>the longest bone in your body</p> <p><i>femur</i></p>	<p>make blood cells</p> <p><i>red bone marrow</i></p>	<p>protect your heart and lungs</p> <p><i>rib cage</i></p>	<p>on the ends of bones to absorb shock</p> <p><i>cartilage</i></p>
<b>Skeletal System</b>	<b>Skeletal System</b>	<b>Skeletal System</b>	<b>Skeletal System</b>
<p>part of the skull that protects your brain</p> <p><i>cranium</i></p>	<p>smooth, hard layer of bone made from collagen</p> <p><i>compact bone</i></p>	<p>mineral that makes your bones strong</p> <p><i>calcium</i></p>	<p>outside layer of bone filled with nerves and blood vessels</p> <p><i>periosteum</i></p>

<b>Muscular System</b>	<b>Muscular System</b>	<b>Muscular System</b>	<b>Muscular System</b>
<p>what muscles need to grow</p> <p><i>protein</i></p>	<p>muscles that are voluntary</p> <p><i>skeletal muscles</i></p>	<p>Involuntary muscles found in your stomach, blood vessels, intestines, etc.</p> <p><i>smooth muscles</i></p>	<p>when a muscle is not used and gets weak</p> <p><i>atrophy</i></p>
<b>Muscular System</b>	<b>Muscular System</b>	<b>Muscular System</b>	<b>Muscular System</b>
<p>muscle cells have a lot of these to get energy</p> <p><i>mitochondria</i></p>	<p>long, thin cells in the skeletal muscles</p> <p><i>muscle fibers</i></p>	<p>connect muscles to bones</p> <p><i>tendons</i></p>	<p>partial contraction of your muscles throughout the day</p> <p><i>muscle tone</i></p>

<b>Digestive System</b>	<b>Digestive System</b>	<b>Digestive System</b>	<b>Digestive System</b>
<p>hard, white outer layer of our teeth</p> <p><i>enamel</i></p>	<p>layer of tooth below the enamel that is alive and absorbs shock</p> <p><i>dentin</i></p>	<p>Begins chemical digestion, protects teeth, and helps food taste better</p> <p><i>saliva</i></p>	<p>stores glucose and makes bile</p> <p><i>liver</i></p>
<b>Digestive System</b>	<b>Digestive System</b>	<b>Digestive System</b>	<b>Digestive System</b>
<p>remove excess salts, water, etc. from the blood and put them into urine</p> <p><i>kidneys</i></p>	<p>where digestion is completed and nutrients are sent to the bloodstream</p> <p><i>small intestine</i></p>	<p>long pipe that food goes down to your stomach</p> <p><i>esophagus</i></p>	<p>point down into the small intestine and take nutrients to the blood vessels</p> <p><i>villi</i></p>

<p><b>Nutrition</b></p>	<p><b>Nutrition</b></p>	<p><b>Nutrition</b></p>	<p><b>Nutrition</b></p>
<p>your body's most important nutrient</p> <p><i>water</i></p>	<p>carbs that taste sweet, digest quickly, give a quick energy boost, and are found in sugar, honey, and fruits</p> <p><i>simple carbohydrates</i></p>	<p>when you don't have enough water in your blood</p> <p><i>dehydrated</i></p>	<p>can be found in tuna, salmon, sardines, dark green leafy vegetables, flax seeds, etc.</p> <p><i>omega 3 fatty acids</i></p>
<p><b>Nutrition</b></p>	<p><b>Nutrition</b></p>	<p><b>Nutrition</b></p>	<p><b>Nutrition</b></p>
<p>a protein that contains all 9 of the essential amino acids</p> <p><i>complete protein</i></p>	<p>substances found in food and drink that your body needs</p> <p><i>nutrients</i></p>	<p>molecules strung together to make proteins</p> <p><i>amino acids</i></p>	<p>carbs that take longer to digest and are found in peas, beans, and nuts</p> <p><i>complex carbohydrates</i></p>



<b>Respiratory System</b>	<b>Respiratory System</b>	<b>Respiratory System</b>	<b>Respiratory System</b>
<p>muscle mostly responsible for your breathing</p> <p><i>diaphragm</i></p>	<p>places in your lungs where oxygen is put into your blood and carbon dioxide is removed</p> <p><i>alveoli</i></p>	<p>warm and moisten the air you breathe</p> <p><i>conchae</i></p>	<p>tubes that carry air from your trachea to your lungs</p> <p><i>bronchi</i></p>
<b>Respiratory System</b>	<b>Respiratory System</b>	<b>Respiratory System</b>	<b>Respiratory System</b>
<p>water vapor in the air</p> <p><i>humidity</i></p>	<p>push mucus out of your nasal cavity</p> <p><i>cilia</i></p>	<p>thin strips of tissue in your larynx</p> <p><i>vocal cords</i></p>	<p>make your head lighter and help warm and moisturize the air you breathe</p> <p><i>sinus cavities</i></p>

<b>Blood</b>	<b>Blood</b>	<b>Blood</b>	<b>Blood</b>
<p>protein in red blood cells that carries oxygen</p> <p><i>hemoglobin</i></p>	<p>exchange oxygen and carbon dioxide &amp; turn plasma red</p> <p><i>red blood cells</i></p>	<p>help protect the body from infection &amp; disease</p> <p><i>white blood cells</i></p>	<p>stop bleeding by clumping and clotting</p> <p><i>platelets</i></p>
<b>Blood</b>	<b>Blood</b>	<b>Blood</b>	<b>Blood</b>
<p>the liquid, watery part of your blood that transports blood cells, etc.</p> <p><i>plasma</i></p>	<p>vessels that carry blood back to the heart</p> <p><i>veins</i></p>	<p>thick, strong walled vessels that carry blood away from your heart</p> <p><i>arteries</i></p>	<p>thin walled vessels that provide your cells with oxygen and nutrients and pick up waste (You can grow new ones as you exercise.)</p> <p><i>capillaries</i></p>

<b>Heart</b>	<b>Heart</b>	<b>Heart</b>	<b>Heart</b>
<p>two veins that bring deoxygenated blood from the body back to the heart</p> <p><i>vena cava</i></p>	<p>carry oxygenated blood from the lungs to the heart</p> <p><i>pulmonary veins</i></p>	<p>carry deoxygenated blood from the heart to the lungs</p> <p><i>pulmonary arteries</i></p>	<p>main artery that takes blood out of the heart to the body</p> <p><i>aorta</i></p>
<b>Heart</b>	<b>Heart</b>	<b>Heart</b>	<b>Heart</b>
<p>the bottom two chambers of the heart</p> <p><i>ventricles</i></p>	<p>the top two chambers of the heart</p> <p><i>atria</i></p>	<p>measurement of the force of blood pushing against the walls of the arteries</p> <p><i>blood pressure</i></p>	<p>heart muscle</p> <p><i>myocardium</i></p>

<p><b>Nervous System</b></p> <p>cells that give, receive, and handle information</p> <p><i>neurons</i></p>	<p><b>Nervous System</b></p> <p>connects the brain to the spinal cord; regulates your heartbeat; controls your breathing</p> <p><i>brainstem</i></p>	<p><b>Nervous System</b></p> <p>nerves that connect to your spinal cord or brain; connects your CNS to the outer parts of your body</p> <p><i>peripheral nervous system</i></p>	<p><b>Nervous System</b></p> <p>the brain and the spinal cord make up this system</p> <p><i>central nervous system</i></p>
<p><b>Nervous System</b></p> <p>bundles of neuron axons that send messages to and from your brain</p> <p><i>nerves</i></p>	<p><b>Nervous System</b></p> <p>nervous system that controls breathing, heartbeat, digestion, etc. without you needing to think about it</p> <p><i>autonomic nervous system</i></p>	<p><b>Nervous System</b></p> <p>take information from your body to your brain</p> <p><i>sensory neurons</i></p>	<p><b>Nervous System</b></p> <p>take information from your brain to your body</p> <p><i>motor neurons</i></p>
<p><b>Nervous System</b></p> <p>part of your brain that keeps you balanced</p> <p><i>cerebellum</i></p>	<p><b>Nervous System</b></p> <p>part of your brain that is more active when you do math</p> <p><i>left hemisphere</i></p>	<p><b>Nervous System</b></p> <p>part of your brain that is more active when you make art</p> <p><i>right hemisphere</i></p>	<p><b>Nervous System</b></p> <p>lobe responsible for speech and language</p> <p><i>frontal lobe</i></p>

<p><b>Senses</b></p>	<p><b>Senses</b></p>	<p><b>Senses</b></p>	<p><b>Senses</b></p>
<p>the hammer, anvil, and stirrup are parts of the...</p> <p><i>inner ear</i></p>	<p>where your taste buds are found</p> <p><i>papillae</i></p>	<p>tiny stones in the ear that help you balance</p> <p><i>otoliths</i></p>	<p>has cells called rods and cones that allow you to see in low light and color</p> <p><i>retina</i></p>
<p><b>Senses</b></p>	<p><b>Senses</b></p>	<p><b>Senses</b></p>	<p><b>Senses</b></p>
<p>part of your eye that adjusts how much light gets in</p> <p><i>iris</i></p>	<p>part of the ear you see from the outside</p> <p><i>pinna</i></p>	<p>part of your eye through which light enters</p> <p><i>pupil</i></p>	<p>a general sense that occurs all over your body</p> <p><i>touch</i></p>

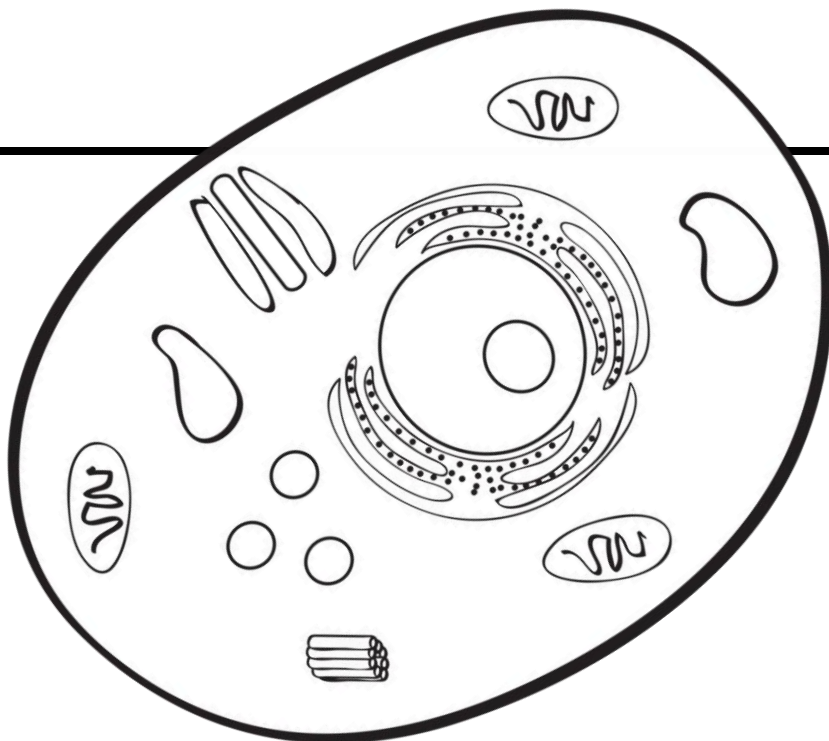
<b>Skin</b>	<b>Skin</b>	<b>Skin</b>	<b>Skin</b>
<p>region in which new cells are made</p> <p><i>matrix</i></p>	<p>outer layer of your skin</p> <p><i>epidermis</i></p>	<p>a pigment that determines your skin color</p> <p><i>melanin</i></p>	<p>tough protein in your skin, hair, and nails</p> <p><i>keratin</i></p>
<b>Skin</b>	<b>Skin</b>	<b>Skin</b>	<b>Skin</b>
<p>protect our fingers and toes</p> <p><i>nails</i></p>	<p>cools your skin</p> <p><i>sweat</i></p>	<p>layer of tissue under the top two layers of skin; keeps you warm</p> <p><i>hypodermis</i></p>	<p>layer of skin in which you find your blood vessels, hair follicles, oil and sweat glands, and sensory nerves</p> <p><i>dermis</i></p>

<b>Immune System</b>	<b>Immune System</b>	<b>Immune System</b>	<b>Immune System</b>
caused by parasites like bacteria, fungi, worms, and viruses  <i>infectious diseases</i>	infection that spreads to many areas of your body  <i>systematic infection</i>	first antibiotic; comes from mold  <i>penicillin</i>	long lasting diseases  <i>chronic diseases</i>
<b>Immune System</b>	<b>Immune System</b>	<b>Immune System</b>	<b>Immune System</b>
harmful germs  <i>pathogens</i>	largest lymph organ; filters blood  <i>spleen</i>	your body's ability to resist infection  <i>immunity</i>	able to spread from person to person  <i>contagious</i>

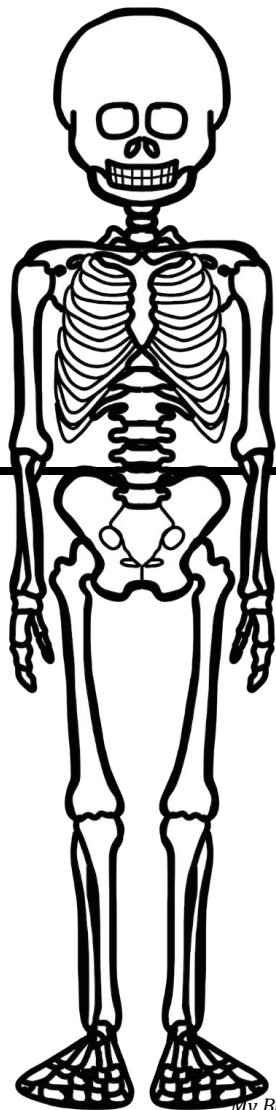
<b>Growth</b>	<b>Growth</b>	<b>Growth</b>	<b>Growth</b>
parts of DNA that help determine your traits  <i>genes</i>	the passing of traits from parents to children  <i>heredity</i>	an observable characteristic (like eye color)  <i>trait</i>	what makes humans different from animals  <i>God's image</i>
<b>Growth</b>	<b>Growth</b>	<b>Growth</b>	<b>Growth</b>
when one cell copies its DNA and makes 2 cells the same as the first one  <i>mitosis</i>	what you were called while growing in your mother's womb (after first 2 months)  <i>fetus</i>	time of major changes in your body specific to if you are a boy or girl  <i>puberty</i>	when one cell copies its DNA and makes 4 cells each with half of the DNA of the first  <i>meiosis</i>



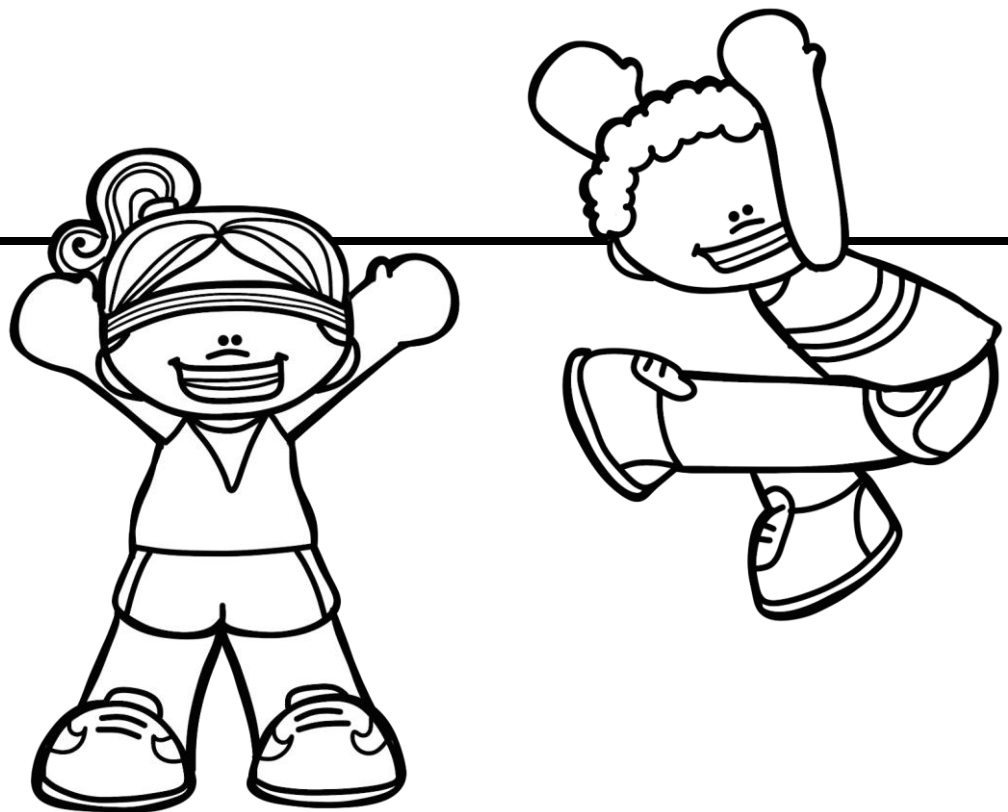
# Cells



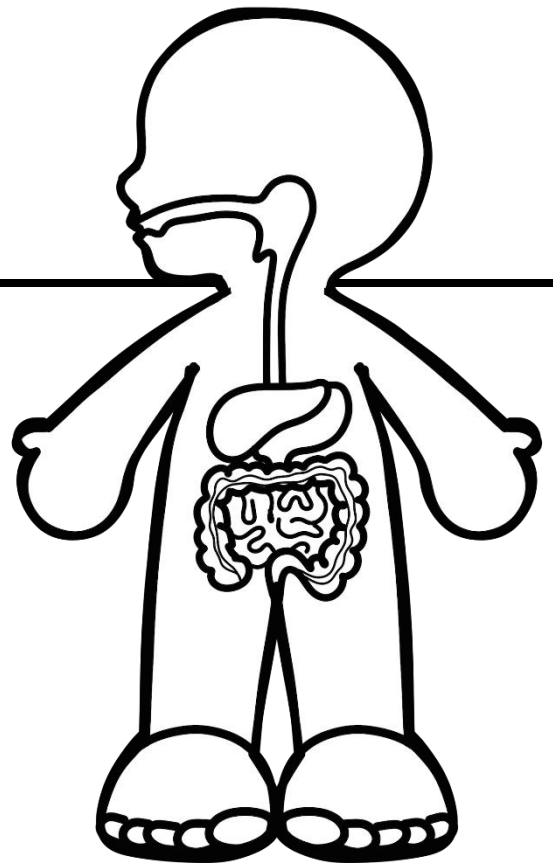
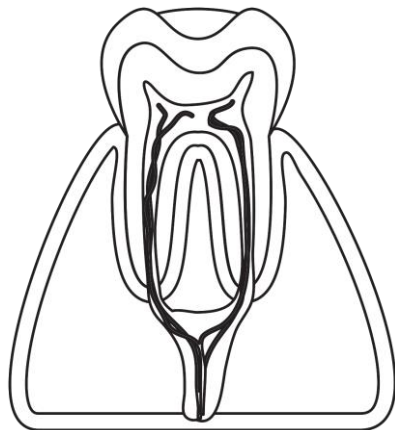
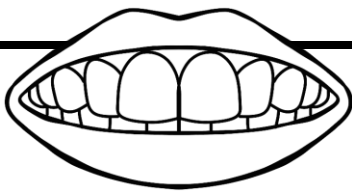
# Skeletal System



# Muscular System



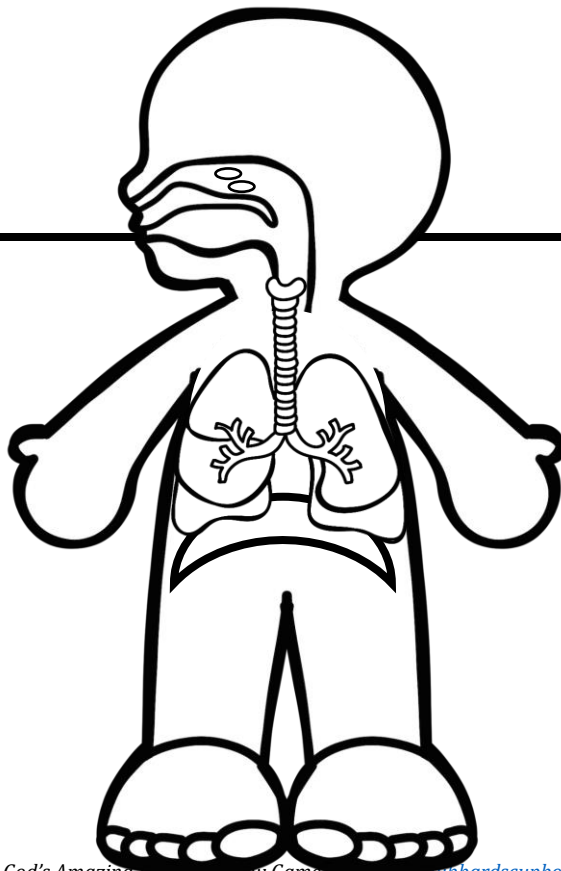
# Digestive System



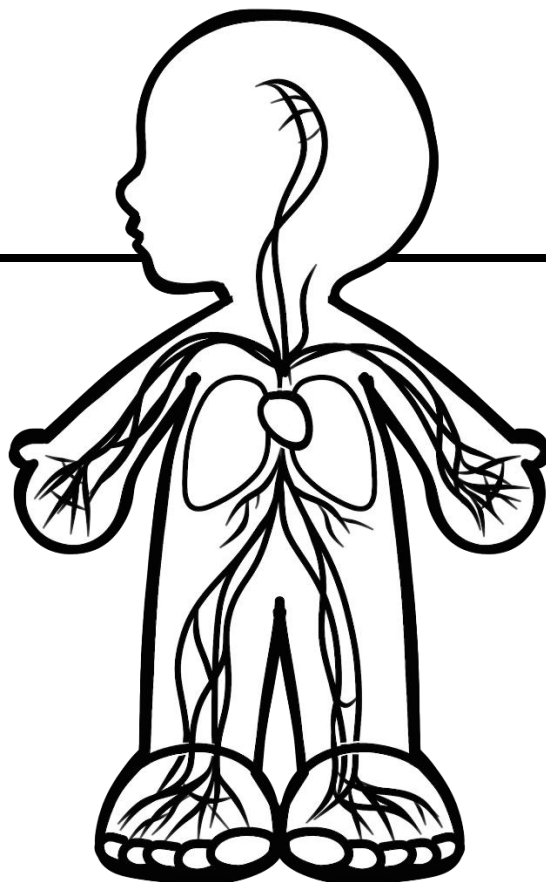
# Nutrition



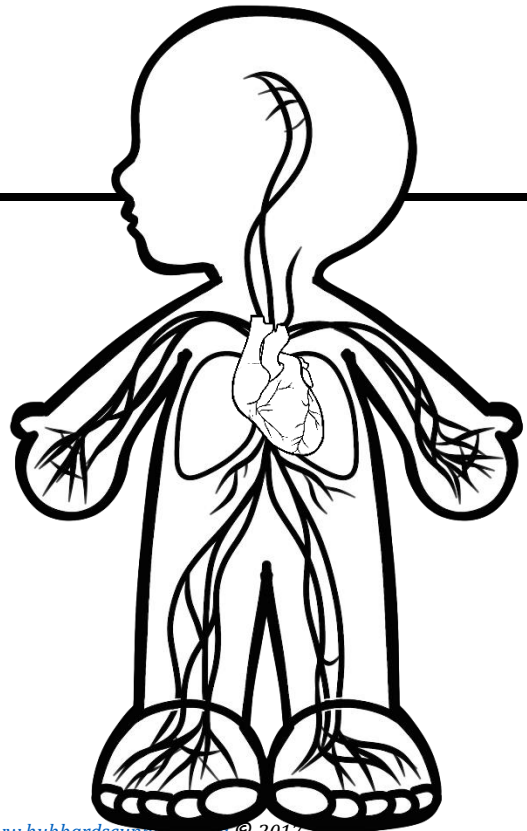
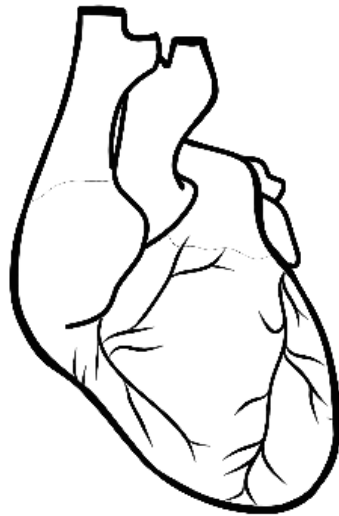
# Respiratory System



# Blood

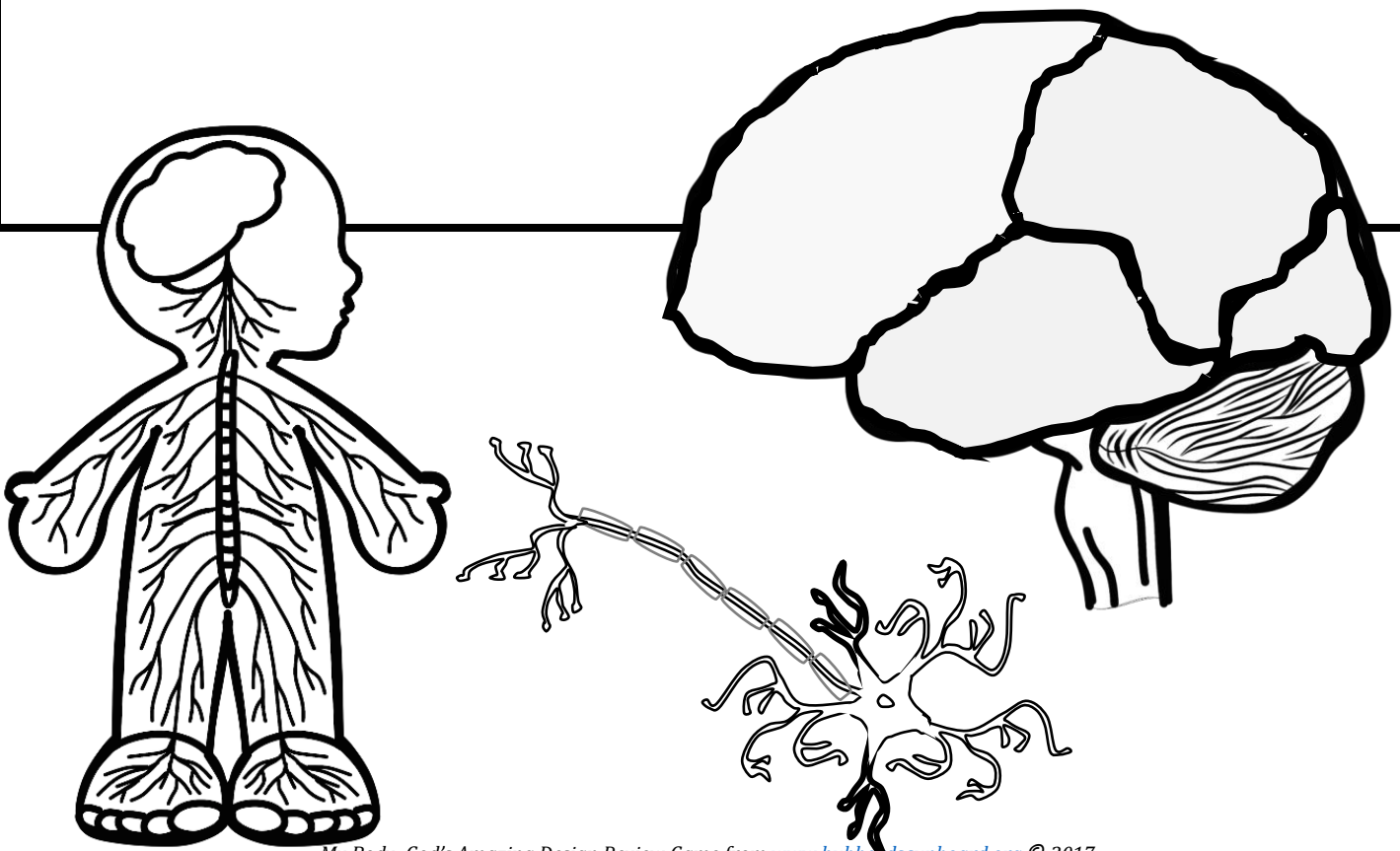


# Heart / Cardiovascular System

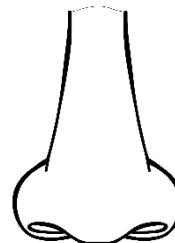
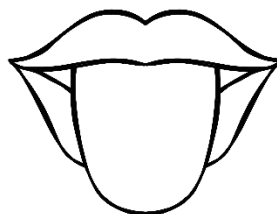
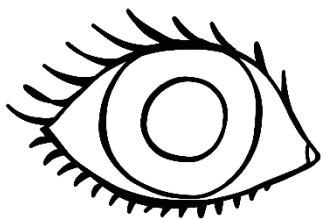




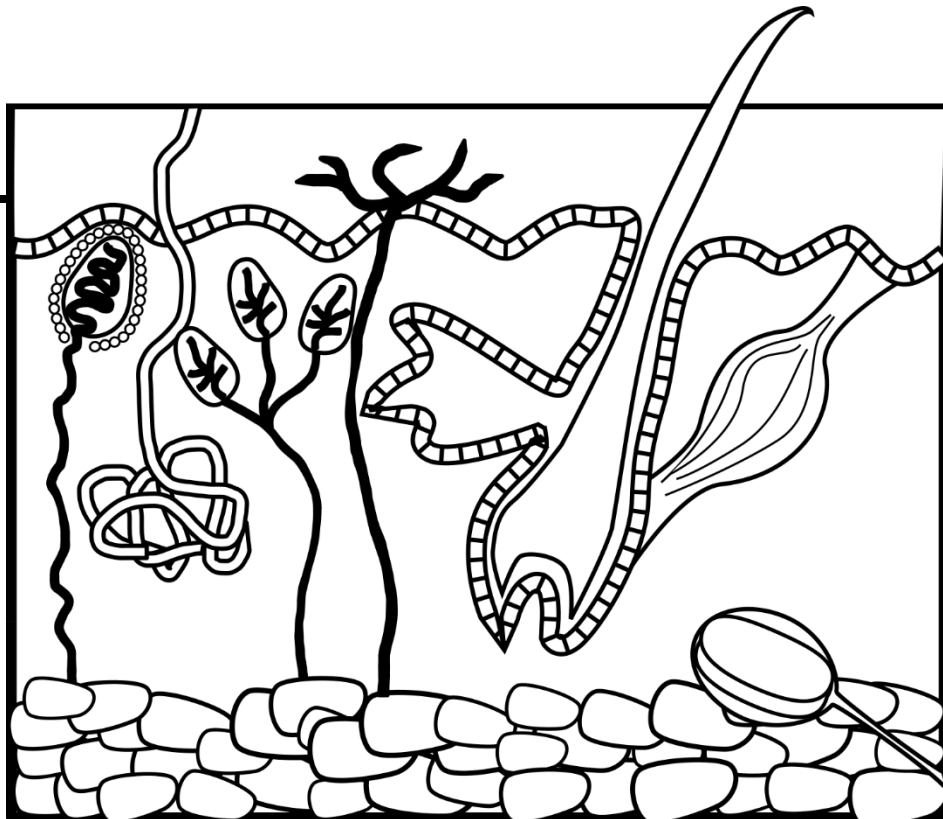
# Nervous System



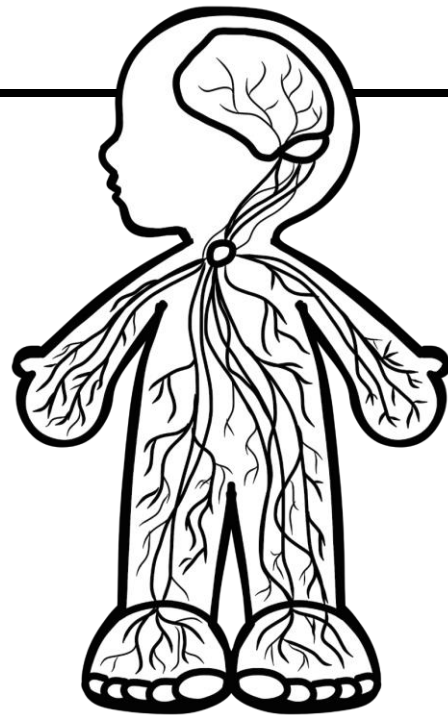
# Senses



# Skin



# Immune System



# Growth

