



## Team Members:

\_\_\_\_\_

\_\_\_\_\_

System: \_\_\_\_\_

Your team's job is prepare a presentation to educate your classmates about one of the body systems that makes up the human body. Your presentation must include the following requirements:

### **Part 1: Introduction**

Tell the name of your organ system and describe the major functions.

### **Part 2: Diagram**

Provide a diagram of your body system with the major parts or organs labeled with their name and functions.

### **Part 3: Teamwork**

Explain how your body system works with others in the body.

### **Part 4: Fun Facts**

Find 4 facts about your body system or its parts.

### **Part 5: Body Model**

Create a model of the body that is life size.

Each team will also be provided with a Body System Checklist of important terms or items that must be included in the presentation. Teams may use their health textbooks, reference materials, or online resources to research their organ system.

Teams will create a computer presentation, a diagram of your system, and a life sized model. The presentation must be made using a computer program (PowerPoint, Keynote, google slides, etc) and saved on a flash drive. The presentation must consist of at least 5-6 slides and no more than 8 slides including the title slide.

We will be presenting the computer presentation, the body model and the diagram to your parents at the end of the school year.

Go to <http://sciencespot.net/>  
and click the link for Kid Zone.  
Choose "Health & Human Body" to  
find links to help you with this project!

Go to <http://gsprocks.weebly.com> and  
go to the human body page for more  
links to information about your body  
system



# Project Checklist

Use this worksheet to help you earn an A+ on your project!

## Information

### **Introduction**

- Did you provide the name of your organ system?
- Did you give descriptions of the major functions of your system?

### **Diagram**

- Did you provide a diagram of your body system with the major parts or organs labeled?
- Did you give descriptions of the functions of each organ?

### **Teamwork**

- Did you share examples and give descriptions of interactions with other body systems?

### **Fun Facts**

- Did you provide four facts (or more) about your body system or its parts?

### **Other Information**

- Did you include all the information listed on your Body System Checklist?

## Presentation

- Did you have at least 5-6 slides (counting the title slide) and no more than 8?
- Did the slides enhance the presentation? Don't put in too much fancy stuff or use too many words on each slide. Keep it simple! You must talk during the presentation, so use that time to share the details.
- Was the information presented in an organized manner?
- Did you "know" the information? You should know the information well enough that you do not need to read it word-for-word off note cards or the slides.
- Did you present to the class? Don't talk to the screen!
- Did you practice? Be sure to run through your presentation a few times before you present to the class!

## Group Involvement **Everyone will have a chance to "grade" their teammates!**

- Did everyone share responsibilities for preparing the presentation?
- Did everyone participate in giving the presentation?
- Did you work together and resolve problems peacefully?



# Presentation Planner

What will you include on each slide?  
Use this page to help you organize your presentation!

Slide 1 - Title Slide

Slide 2 - \_\_\_\_\_

Slide 3 - \_\_\_\_\_

Slide 4 - \_\_\_\_\_

Slide 5 - \_\_\_\_\_

Slide 6 - \_\_\_\_\_

Slide 7 - \_\_\_\_\_

Slide 8 - \_\_\_\_\_

## **Body System Checklist - Circulatory System**

√ Major functions of circulatory system

√ Diagram that includes the major parts - heart, artery, vein, capillary - and list the function(s) of each.

√ Describe each of the components of blood- red blood cells, white blood cells, platelets, & plasma

√ Describe the path blood travels through your body

√ Explain how your body system works with other systems in the body. You will need at least 3 examples.

√ Find 4 facts about your body system. You may list the facts as sentences or use them to create trivia questions.

## **Body System Checklist - Respiratory System**

√ Major functions of respiratory system

√ Diagram that includes the major parts - trachea, lungs, diaphragm, epiglottis, larynx, vocal cords - and list the function(s) of each.

√ Describe the "breathing" process.

√ Explain how your body system works with other systems in the body. You will need at least 3 examples.

√ Find 4 facts about your body system. You may list the facts as sentences or use them to create trivia questions.

## **Body System Checklist - Nervous System**

√ Description and major functions of the central nervous system and peripheral nervous system.

√ Diagram that includes the major parts - brain, spinal cord, nerves, and neurons - and list the function(s) of each.

√ Describe the path a nerve impulse travels throughout your body from stimulus to response.

√ Explain how your body system works with other systems in the body. You will need at least 3 examples.

√ Find 4 facts about your body system. You may list the facts as sentences or use them to create trivia questions.

## **Body System Checklist - Skeletal System**

√ Major functions of skeletal system

√ Diagram that includes the major parts -bones, ligaments, and tendon - and list the function(s) of each.  
NOTE: Your diagram should also include the following bones in the body: cranium, clavicle, humerus, scapula, sternum, rib, vertebra, ulna, radius, carpals, metacarpals, phalanges, pelvis (may list parts), femur, patella, tibia, fibula, tarsals, and metatarsals.

√ Describe each of the following joints and where they are located: hinge, pivot, and ball-and-socket. You may include other joints as well.

√ Explain how your body system works with other systems in the body. You will need at least 3 examples.

√ Find 4 facts about your body system. You may list the facts as sentences or use them to create trivia questions.

## **Body System Checklist - Muscular System**

√ Major functions of muscular system

√ Describe the function and locations of each type of muscle - skeletal muscle, smooth muscle, and cardiac muscle

√ Diagram that includes the major muscles in the body - biceps, oblique abdominis, sartorius, deltoid, orbicularis oculi, sternomastoid, gastrocnemius, pectoral, temporalis, gluteus maximus, quadriceps, tibialis, masseter, rectus abdominis, and triceps

√ Describe how muscles work in pairs to make parts of the body move using the biceps and triceps as an example.

√ Explain how your body system works with other systems in the body. You will need at least 3 examples.

√ Find 4 facts about your body system. You may list the facts as sentences or use them to create trivia questions.



## **Body System Checklist - Excretory System**

√ Major functions of excretory system

√ Diagram that includes the major parts - lungs, kidneys, urinary bladder, ureter, urethra, liver, and skin - and list the function(s) of each.

√ Explain how your body system works with other systems in the body. You will need at least 3 examples.

√ Find 4 facts about your body system. You may list the facts as sentences or use them to create trivia questions.

## **Body System Checklist - Digestive System**

√ Major functions of digestive system

√ Diagram that includes the major parts - mouth, esophagus, stomach, small intestine, liver, pancreas, and large intestine - and list the function(s) of each.

√ Describe the path food travels throughout the digestive system.

√ Explain how your body system works with other systems in the body. You will need at least 3 examples.

√ Find 4 facts about your body system. You may list the facts as sentences or use them to create trivia questions.

## **Body System Checklist - Immune System**

√ Major functions of immune system

√ List the functions of each part of the immune system - thymus, white blood cells, antibodies, epidermis, cilia, mucus, and saliva.

√ Describe each “line of defense” - Read pages 192-197 in your textbook.

√ Explain how vaccinations work and give three examples of diseases that are prevented through the use of vaccinations.

√ Explain how your body system works with other systems in the body. You will need at least 3 examples.

√ Find 4 facts about your body system. You may list the facts as sentences or use them to create trivia questions.