

# BODY SYSTEMS LESSON PLAN



**Time:** approximately three class periods

## Instructional Goals:

- The student will learn a diagram is a simplified drawing that illustrates how something works.
- The student will use the PebbleGo Science database to research one of the systems in the human body.
- The student will create a diagram illustrating the parts of the body system and how these parts work together.
- The student will explain a human body system to the class, using his/her diagram as a visual aide.

## Materials/Resources:

- **PebbleGo** Science online database
- **Human Body Systems Diagram** handout
- large butcher paper with the outline of the human body, if desired
- **Human Body Systems: Teach the Class Script**, if desired

## Procedures/Lesson Activities:

### Focus

1. Ask students what some of the parts/organs of the human body are that work to keep us alive and moving, breathing, feeling, and thinking. Guide students toward human body organs such as the heart, brain, lungs, and stomach. Make a list of these body organs for the students to refer to during their research.

### Teach/Model

2. Explain to students that many of these organs work together in systems. Tell students the definition of a system.
  - a. System—a group of individual parts that work together for a common purpose
  - b. Example—the circulatory system includes the heart, blood, and blood vessels; this system works to keep our entire body supplied with oxygen and other important elements

### Guided Practice

3. Tell students they will research one of the human body systems so they can teach the class about the organs in the system and what the system does for our body.
4. Explain students will create a diagram of the system to show the class as they teach the system. Define *diagram* for students.
  - a. Diagram—a simple drawing that shows how something works
  - b. If needed, example diagrams can be found through an Internet image search “example diagrams for kids” or in many science textbooks.



5. Show students how to navigate to PebbleGo Science and locate the articles on the human body.
6. Demonstrate the PebbleGo read aloud feature. Show students how to click on a bold word in order to hear its definition.
7. Highlight the Media section below the article. This section has videos explaining the body systems.

## Independent Practice

8. Divide the following body systems among the class: circulatory, digestive, endocrine, muscular, nervous, respiratory, and skeletal.
9. Students, either individually or in pairs, research their assigned body system. As they research their system, have them complete the *Human Body Systems Diagram* as their research notes.
10. If desired, have students transfer their notes from the *Human Body Systems Diagram* to large butcher paper with the outline of the human body.
11. Have students write or verbally explain to you how their assigned body system works. Use the *Human Body Systems: Teach the Class Script*, if desired. If needed, transcribe their explanation, or record their explanation on a device for them to playback before their class presentation.

## Closure

12. Students present their human body system information to the class while showing their diagram. (If needed, have students listen to their recorded explanation before presenting.)
13. Discuss as a class the importance of each body system and how all the systems work together to keep our bodies healthy and functioning well.

## Extend/Enrich

- Students create a short video using a free movie making app or program. Students may record their explanation of how their body system works. Include a photo of their body system diagram in the video. Upload the videos and create QR/augmented reality codes, displayed with the diagrams, for students and parents to scan and review with a smart device.
- Students create a list of activities and tips that will help to keep their human body system healthy and functioning properly. They may create posters to hang throughout the school publicizing these healthy tips, as well as the importance of that human body system.

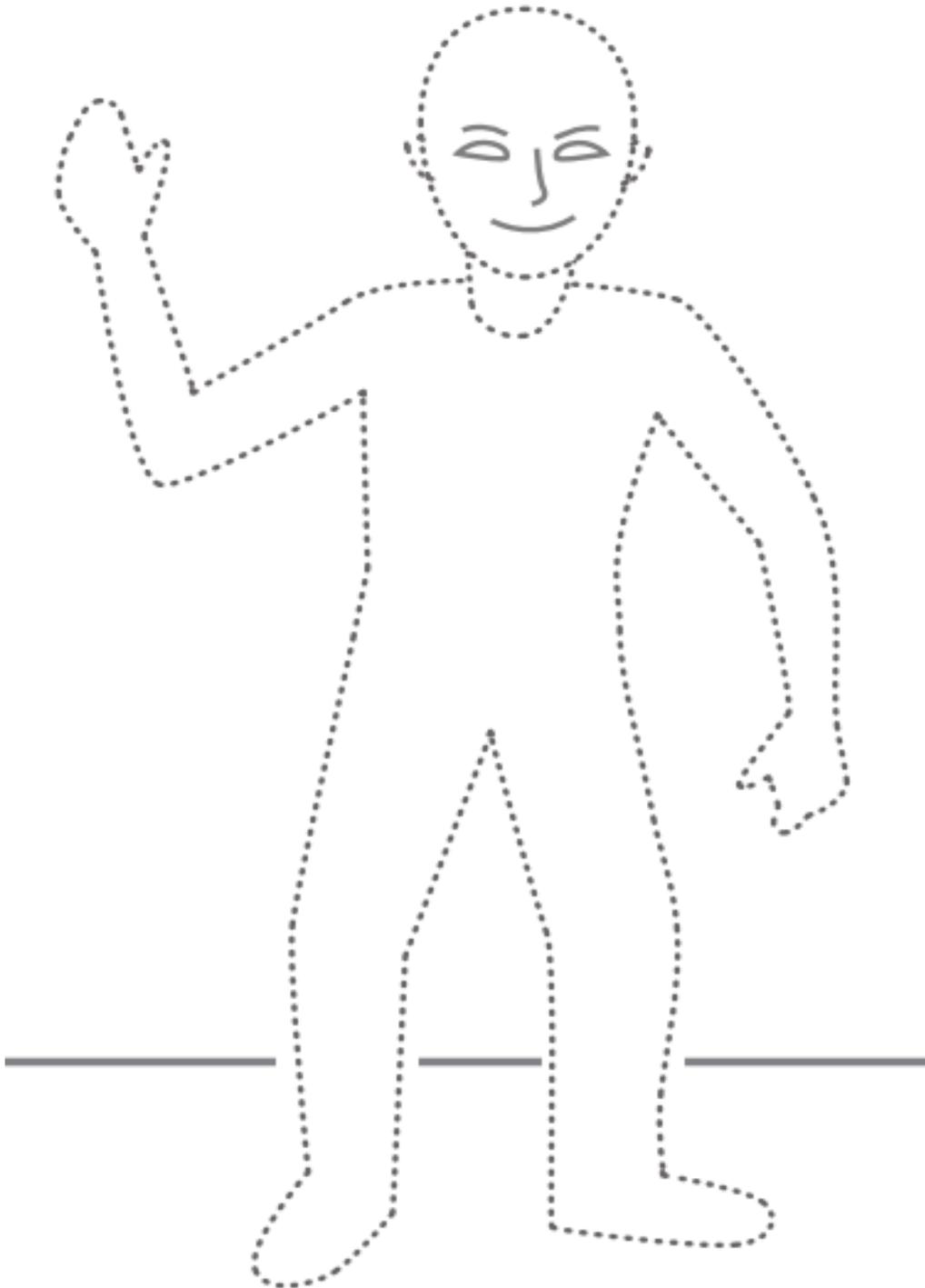
# Human Body System Diagram



Name \_\_\_\_\_

This is a diagram of the \_\_\_\_\_.

Draw and label the parts of the body system. Explain how the parts work together and what they do for the human body.



## Bibliography

I found my information in a source called \_\_\_\_\_

# Human Body Systems Teach the Class Script



Names \_\_\_\_\_

Our human body system is called the \_\_\_\_\_

\_\_\_\_\_

The organs that are part of this system are \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

This system is important to our body because it \_\_\_\_\_

\_\_\_\_\_

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Bibliography: \_\_\_\_\_