

## **Tiered Assignment**

**Grade Level:** 8

**Subject:** Science

**Topic:** Cells and Systems (Human Body Systems)

### **Learning Goal:**

Students will describe the main functions of human body systems and explain how they work together to support life.

### **Overview**

All students work toward understanding the same big idea: how human body systems function and interact. The task is tiered by complexity, independence, and language demand, allowing students to engage meaningfully at their level.

### **Tier 1 – Foundational (Beginning learners or students needing more support)**

**Task:** Match body systems to their functions using a word bank and images.

- Complete a fill-in-the-blank worksheet:  
“The digestive system helps the body by \_\_\_\_\_.”  
“The heart is part of the \_\_\_\_\_ system.”
- Use labelled diagrams and cut-and-paste visuals.
- Students may work with a partner or receive oral instructions.

### **Tier 2 – Developing (on-grade level expectations)**

**Task:** Create a short brochure or digital poster explaining two body systems and how they interact.

- Example: Respiratory and Circulatory Systems
- Include labelled diagrams and 3-5 key facts per system.
- Use sentence frames for support:  
“The \_\_\_\_\_ system works with the \_\_\_\_\_ system to \_\_\_\_\_.”

- Students can present their work orally, digitally, or in writing.

### **Tier 3 – Extending (for independent or advanced learners)**

**Task:** Write a mini-report or create a video explaining how three or more body systems work together in a real-life scenario (e.g., exercising, eating, responding to fear).

- Explain interactions with detailed examples.
- Include technical terms (e.g., oxygen exchange, nutrient absorption).
- Use visuals, comparisons or analogies.
- Optional: Interview a healthcare worker or include research sources.

#### **Supports Across All Tiers**

- Word banks with system names and body parts
- Anchor charts or labelled models of systems
- Graphic organizers: system names → functions → key organs → interactions
- Choice of format: written, visual, verbal or digital
- Teacher and peer feedback checkpoints

#### **Why It Works**

Tiered assignments ensure all students access the curriculum at a level that challenges them without overwhelming them. Students can demonstrate understanding in a way that suits their individual language proficiency and learning style.