

Objective

By the end of this lesson, you will be able to compare the skeletal system to a construction building structure and understand their similarities.

Materials and Prep

- Pen or pencil
- Blank paper
- Colored pencils or markers

No prior knowledge is required for this lesson.

Activities

1. Draw a human skeleton on a blank piece of paper. Label the major bones such as the skull, spine, ribs, arms, and legs.

Think about how the bones in our body are connected to each other, just like the beams and columns in a building structure.

2. Using colored pencils or markers, add different colors to the bones in your drawing to represent different materials used in construction, such as steel, concrete, or wood.

Discuss how different bones have different strengths, just like different materials used in buildings.

3. Imagine you are a construction worker. Write a short paragraph explaining how the skeletal system is similar to a building structure.

Consider the roles of the skeleton in supporting and protecting our bodies, just like how a building structure supports and protects the people inside.

Third Grade Talking Points

- "Our bodies have a skeletal system, which is like a framework or structure that supports and protects us, just like buildings have structures."
- "The major bones in our body, such as the skull, spine, ribs, arms, and legs, are connected to each other, forming a strong and flexible framework, just like beams and columns in a building."
- "Different bones have different strengths, just like buildings are made with different materials such as steel, concrete, or wood."
- "The skeletal system helps us move and gives our bodies shape, just like a building structure gives shape and form to a building."
- "Both the skeletal system and building structures are important for our safety and well-being. They support and protect us!"