

## Core Skills Analysis

### Science

- Brady demonstrated an understanding of human anatomy by correctly placing major organs on the felt skeleton, reflecting knowledge of body structure and function.
- The activity helped Brady visualize the spatial relationships between bones and organs, reinforcing the concept of body organization.
- By manipulating the felt pieces, Brady engaged in hands-on learning, which supports kinesthetic understanding of complex biological systems.
- The task fostered recognition of key skeletal elements essential for supporting and protecting the organs, integrating anatomy with physiology.

### Art

- Brady's placement of organs and bones required spatial reasoning and fine motor skills, crucial components in visual arts.
- The tactile involvement with the felt materials encouraged sensory exploration and artistic expression through form and texture.
- The activity involved pattern recognition and composition as Brady arranged organic shapes to fit a cohesive human figure.
- Engaging with anatomical shapes on a felt canvas promoted an appreciation for the aesthetics of natural forms and human body structure.

### Tips

To enhance Brady's learning experience, instructors and parents can introduce supplementary activities such as model building with clay to create 3D anatomical structures or digital anatomy games for interactive exploration. Encouraging Brady to label each organ and bone and explain their functions can deepen understanding and retention. Integrating art by having Brady sketch the skeleton and organs or create a collage can strengthen connections between science and artistic expression. Additionally, visiting science museums or watching educational videos on anatomy may provide enriched context and motivation.

### Book Recommendations

- [The Skeleton Inside You](#) by Philip Balestrino: A kid-friendly introduction to the human skeleton that explains how bones support and protect the body.
- [Human Body! Knowledge Encyclopaedia for Kids](#) by Susan Meredith: An illustrated guide covering various organs and systems inside the human body, perfect for young learners.
- [Drawing Human Anatomy](#) by Giovanni Civardi: A beginner-friendly book that teaches how to draw human anatomy with clear instructions and illustrations.

### Learning Standards

- NGSS MS-LS1-3: Use argument supported by evidence for how the body is a system of interacting subsystems composed of groups of cells.
- Common Core ELA-LITERACY.RI.6.3: Analyze in detail how a key individual, event, or idea is introduced, illustrated, and elaborated in a text.
- National Core Arts Standards VA:Cr1.1.6: Combine concepts collaboratively to generate innovative ideas for creating art.
- NGSS MS-LS1-2: Develop and use a model to describe the function of a cell as a whole and ways parts of cells contribute to the function.