

## STRUCTURES AND FUNCTIONS OF THE PARTS OF THE HUMAN BODY

### Performance Standard 23A.C

Construct a representation of a human body and write the functions of labeled body parts accordingly:

- *Knowledge:* Identify fingers, toes, elbows, ankle, arm, shoulder, leg, hips, shoulders, chest, head, hands, and knee.
- *Application:* Match six body parts with their appropriate functions.
- *Communication:* Describe the function of the body parts.

### Procedures

1. ***In order to describe and explain the structure and function of the human body systems and how they interrelate (23A)***, students should experience sufficient learning opportunities to develop the following:
  - Construct and label a model of a human body consisting of the following parts: head, neck, shoulders, elbows, arms, hands, fingers, chest, legs, hips, knees, ankles, feet and toes.
  - Explain the function of the ankles, knees, hips, shoulders, elbows and neck.
2. Put students into groups of 3 or 4.
3. Explain the scoring rubric to the students.
4. Direct students to cut out pictures of bones, paste them together on a sheet of paper, label them, and match the part to function on the matching task sheet.
5. Use the first column in the rubric to score the first phase of the project.
6. Have each group present the function of the body parts. Each member of the group should participate and all the body parts listed should be discussed and identified on the model.
7. Use the second column in the rubric to score the group presentation on the function of the body parts.
8. Evaluate each student's performance using the "Structures and Functions of the Parts of the Body" Rubric as follows:
  - *Knowledge:* Body parts correctly placed and labeled.
  - *Application:* Body parts correctly matched with their appropriate functions.
  - *Communication:* Function of body parts described appropriately.

### Examples of Student Work

- [Meets](#)
- [Exceeds](#)

### Time Requirements

- One to three class periods
- Time is needed to construct the body, prepare for group presentation on the function of the body parts, and present.

### Resources

- Camcorder and videotapes (optional)
- Task sheets
- Glue
- Structures and Functions of the Parts of the Human Body Rubric

## STRUCTURES AND FUNCTIONS OF THE PARTS OF THE HUMAN BODY

NAME \_\_\_\_\_ DATE \_\_\_\_\_

- Exceeds standard (average of 4)
- Meets standard (average of 3.0 – 3.9)
- Approaches standard (average of 2.0 – 2.9)
- Begins standard or absent (average of 1.0 – 1.9)

	<b>Building/Construction of Human Being</b>	<b>Explanation of Function of Body Part</b>
<b>4</b>	<ul style="list-style-type: none"> <li>• Successfully constructed an accurate depiction of a human body without prompting from teacher</li> <li>• All 16 body parts were correctly placed and labeled</li> </ul>	<ul style="list-style-type: none"> <li>• All six functions are correct on matching task sheet and described completely using appropriate terminology.</li> </ul>
<b>3</b>	<ul style="list-style-type: none"> <li>• Successfully constructed an accurate depiction of a human body with a little prompting from teacher</li> <li>• 12 - 13 body parts were correctly placed and labeled</li> </ul>	<ul style="list-style-type: none"> <li>• 4 - 5 functions are correct on matching task sheet and are adequately described.</li> </ul>
<b>2</b>	<ul style="list-style-type: none"> <li>• Attempted construction of a human body with occasional prompting from teacher</li> <li>• 10 - 11 body parts were correctly placed and labeled</li> </ul>	<ul style="list-style-type: none"> <li>• 2 - 3 functions are correct on matching task sheet and are somewhat described.</li> </ul>
<b>1</b>	<ul style="list-style-type: none"> <li>• Only with prompting from teacher did student(s) try to construct a human body</li> <li>• 0 -9 body parts were correctly placed and labeled</li> </ul>	<ul style="list-style-type: none"> <li>• 0 - 1 functions are correct on matching task sheet but the descriptions are incomplete.</li> </ul>
<b>Score</b>		

NAME \_\_\_\_\_ DATE \_\_\_\_\_

**STRUCTURES AND FUNCTIONS OF THE PARTS OF THE HUMAN BODY**

**Student Task Sheet**

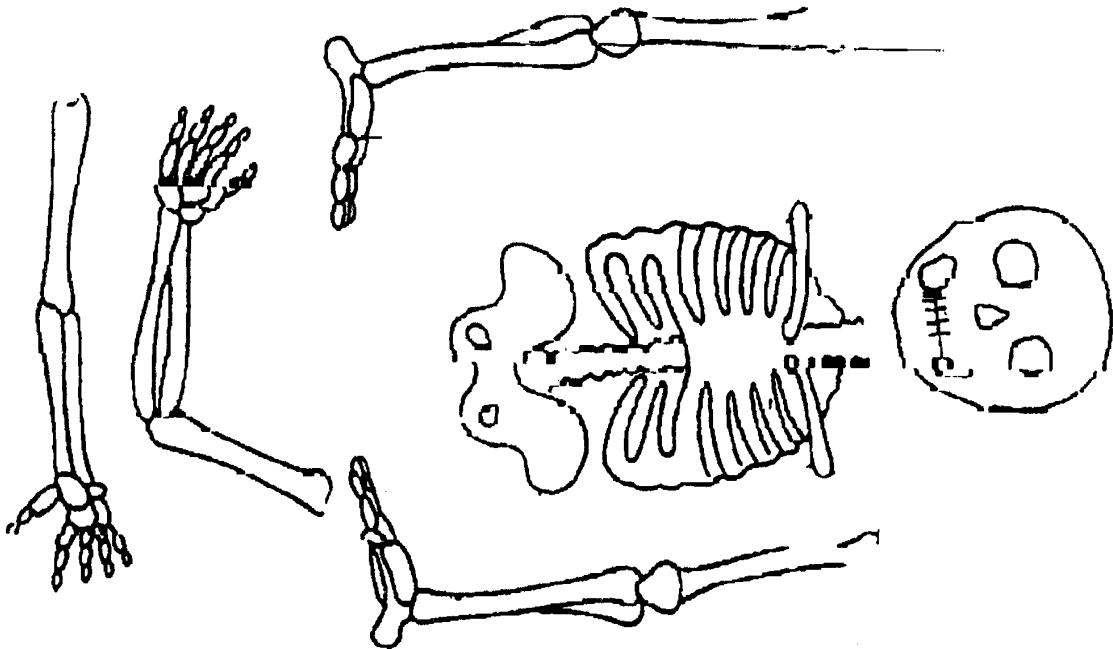
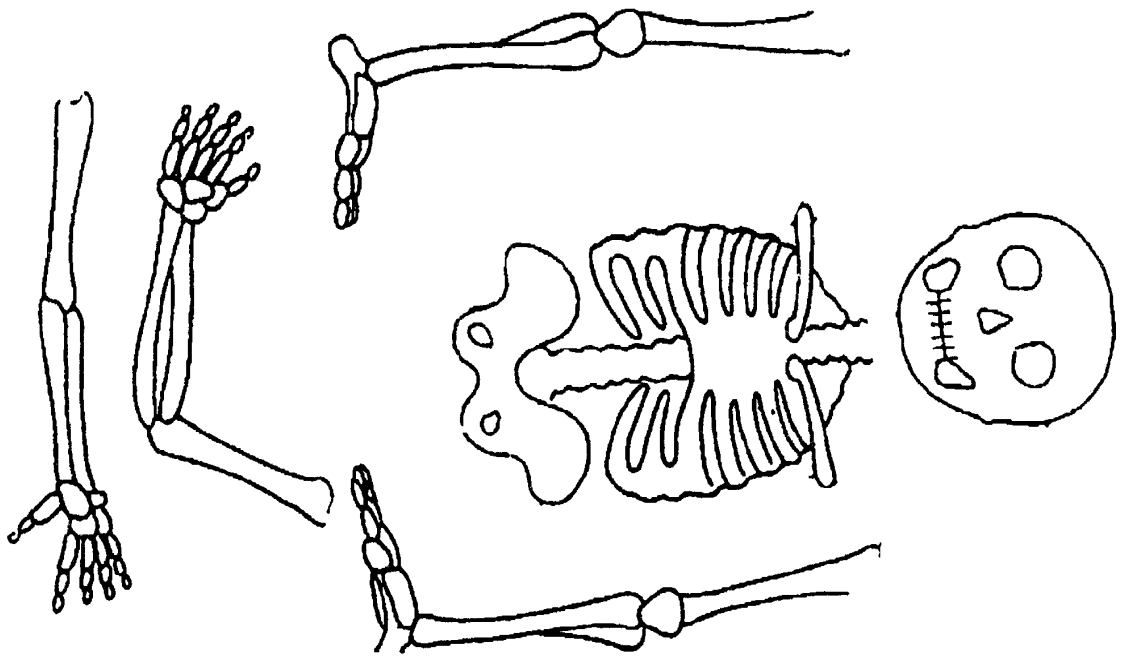
**MATCHING**

**Body Part**

1. Ankle
2. Hip
3. Shoulder
4. Neck
5. Knee
6. Elbow

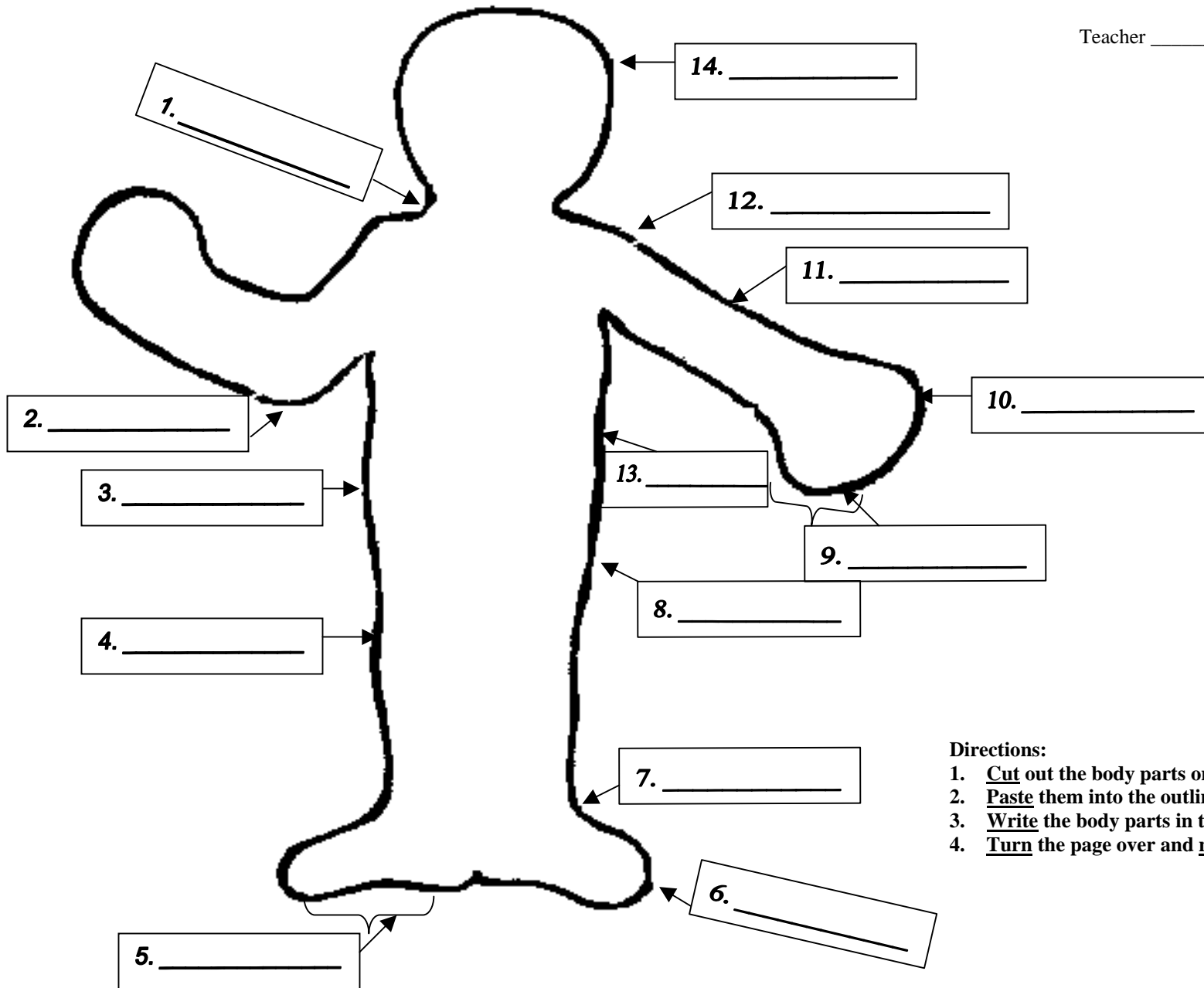
**Function**

1. Lifts upper leg
2. Moves foot
3. Bends arm
4. Bends lower leg
5. Lifts arms
6. Turns head



Name \_\_\_\_\_

Teacher \_\_\_\_\_



Label these  
body parts:

- Fingers
- Toes
- Elbow
- Ankle
- Arm
- Neck
- Leg
- Hips
- Shoulders
- Chest
- Head
- Hands
- Knee
- Feet

**Directions:**

1. Cut out the body parts on the attached sheet.
2. Paste them into the outline on this page.
3. Write the body parts in the correct box.
4. Turn the page over and match the functions.