

Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_



## Body Paint

**STEM Sims**

### Lesson 1: Basic Anatomy

Anatomy is a life science that studies the parts of living things and how those parts work. The human body has many parts that each do a job. The brain does our thinking. The heart moves blood. The lungs move air. Can you match body parts with the part's name? Collect all your parts and begin.

### Doing the Science

1. Open the Body Paint simulation.

#### Outside (External) Parts

2. Select the "Practice Mode" and "Level 1." Select the "Begin" button.
3. Select "Top" from the external (left) side of the screen.
4. On the drawing, select a part shown in one color. Move the part to its name on the right side of the screen. Note that as you move the part's color to the name, the name's color changes to match the part's color.
5. Continue doing this until you have matched all parts with their correct names.
6. Select the "Check Answer" button at the bottom of the screen.
7. If needed, repeat steps 4–6 until you have matched all parts and names correctly.
8. Select the "New Level" button at the bottom of the screen.
9. Repeat this process for the middle and bottom.

#### Inside (Internal) Parts

10. Select the "Practice Mode" and "Level 1." Select the "Begin" button.
11. Select "Lungs" from the internal (right) side of the screen.
12. On the drawing, select a part shown in one color. Move the part to its name on the right or left side of the screen. Note that as you move the part's color to the name, the name's color changes to match the part's color.
13. Continue doing this until you have matched all parts with their correct names.
14. Select the "Check Answer" button at the bottom of the screen.
15. If needed, repeat steps 12–14 until you have matched all parts and names correctly.

### Do You Understand?

1. What is another name for the outside part of a person's body? What is another name for the inside part of a person's body?
2. On the back of this page is an image of the lungs (in blue) in reference to other body parts. The lungs, however, are related to the activities of other parts of the human body. Use a pencil or pen to show the connections of the lungs to the activities of other parts of the body.

