3D model: The Human Body

Anatomy & Physiology · Student worksheet

Name _____

Date _____

Period _____

How this works: Open The Human Body (mrsajdak.com/body). Switch a layer on to see that body system. Click any part to read its name. Drag to turn the body.

I am learning to

- ☐ I can use a 3D model to find parts of four body systems.
- ☐ I can explain how two systems work together, using where their parts are.

Part 1. One system at a time

Developing and using models

SEP 2

1. Switch on each layer by itself. Click a part. Write its name.

Layer	One part I found in it
Digestive system	
Respiratory system	
Urinary system	
Heart and blood vessels	

Part 2. Systems work together

Systems and system models

CCC 4

2. Switch on Skeleton and Respiratory system together. Tick one box in each row.

The lungs are	☐ Inside the rib cage	☐ Outside it
The trachea (windpipe) in the neck is	☐ Inside the rib cage	☐ Outside it

Read first: In the lab, find the blue Learn It box under the body and read it. It opens once you have clicked a lung and the trachea. Then answer 3.

3. Use what the Learn It box taught you. How does the skeleton help the lungs? Give two ways. Start: The ribs

Part 3. Slice the body

Structure and function

CCC 6

4. Switch on Skeleton, Respiratory system, and Heart and blood vessels. Under Slice the body, pick Transverse. Move the cut to the chest. Tick each part you can see in the cut.

Lungs	☐ I see it	Heart	☐ I see it
Backbone (vertebra)	☐ I see it	Ribs	☐ I see it

Part 4. What the model leaves out

Developing and using models

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5. The page says what this model does not include. Name one thing it leaves out.