

Science: The Human Body

1st & 2nd Grade
Print & Digital

Lungs



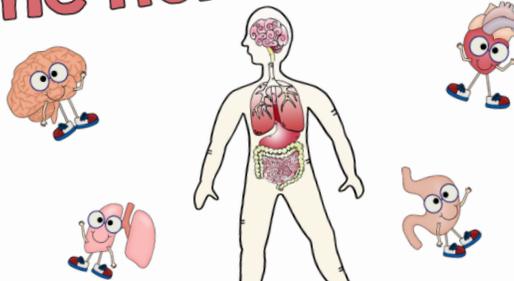
Skeleton



Brain

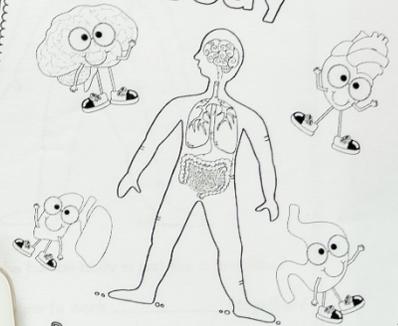


The Human Body



By: Date:

The Human Body



By: _____
Date: _____

Stomach



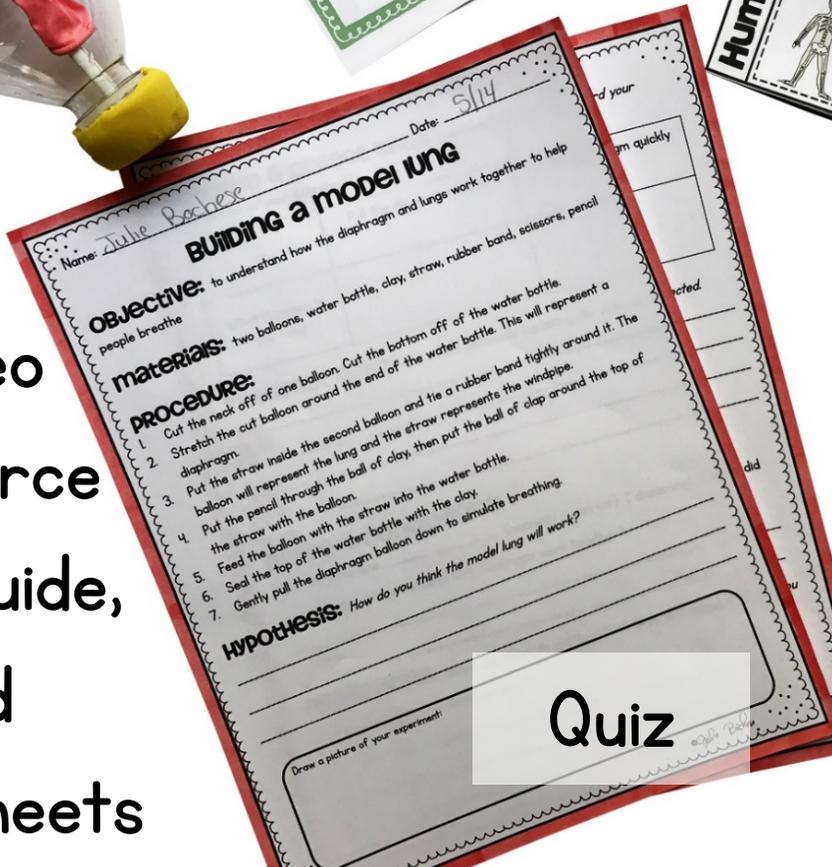
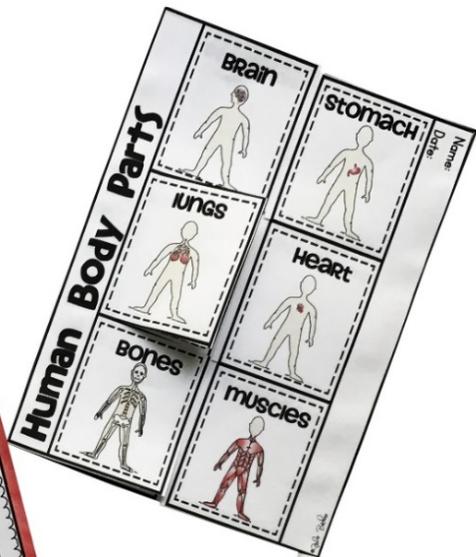
What is Included?



Vocabulary
Cards

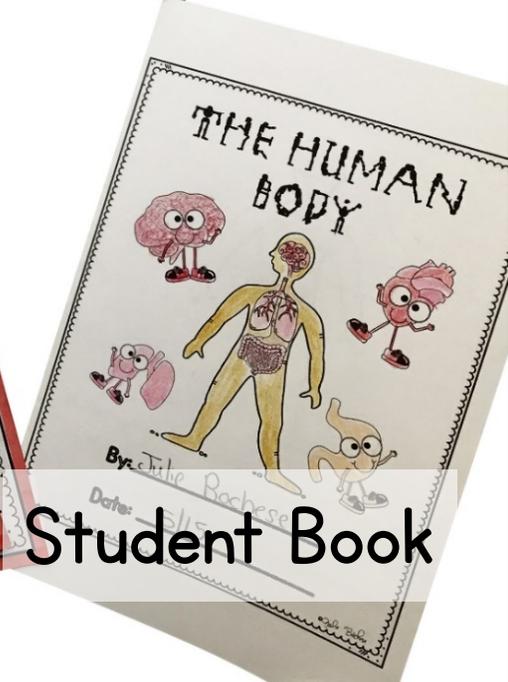
Foldable Activity

2 Labs



Video
Resource
List, Guide,
and
Worksheets

Quiz



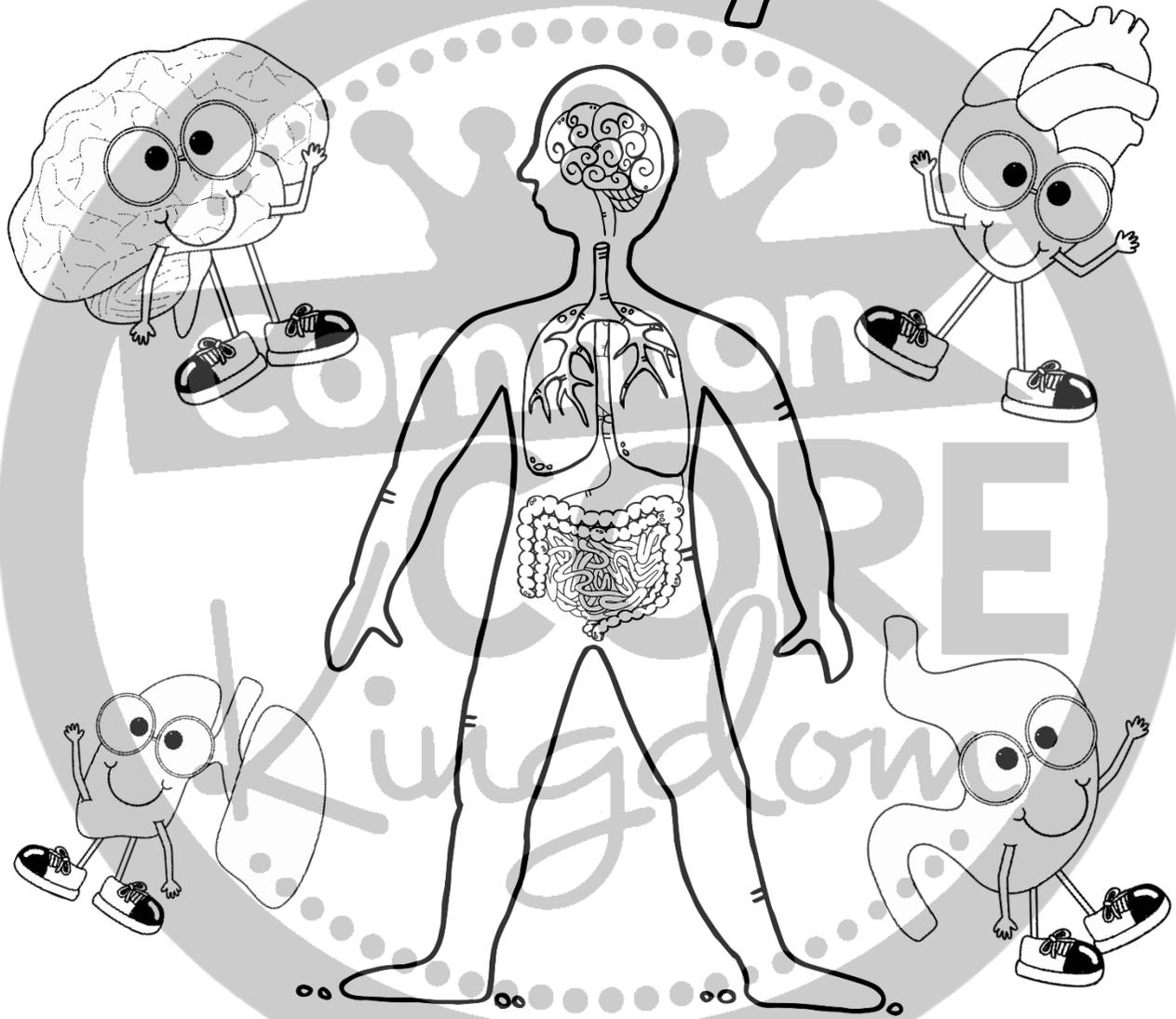
Student Book

All About the Human Body

Table of Contents

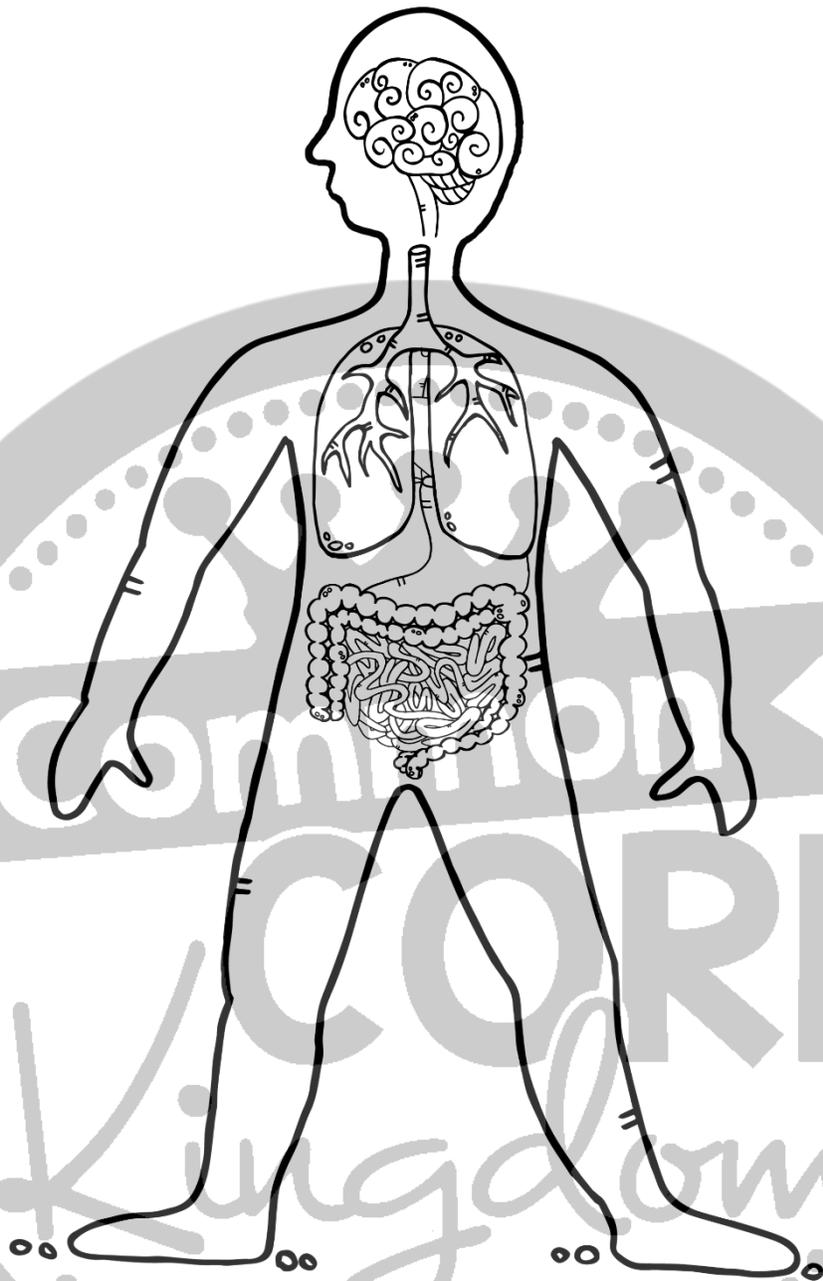
1. [Teacher Page](#): video resources & video comprehension worksheets (4 pgs.)
2. [Brainstorming Blocks](#) (1 pg.)
3. [Vocabulary Cards](#) (skeleton, brain, stomach, lungs, heart, bones, muscles)
4. [The Human Body Book](#) (11 pgs.)
5. [Human Body Foldable](#) (2 pgs.)
6. [Human Body Cut and Paste](#) (1 pg.)
7. [Human Body Venn Diagram](#) (1 pg.)
8. [Building a Model Lung Exploration](#) (2 pgs.)
9. [How Does Exercise Affect Your Heart? Exploration](#) (2 pgs.)
10. [Quiz](#)

The Human Body



By: _____

Date: _____



Did you know the human body is just like a machine?

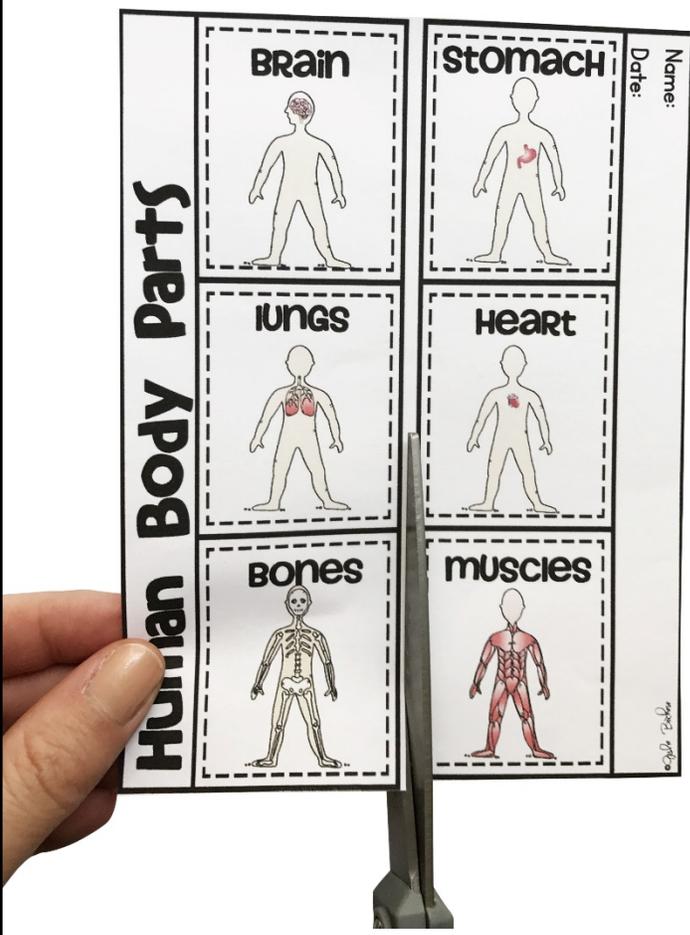
All of your body parts work _____ (together/
separately) so you can see, hear, smell, move, and
think.



Flip Flap Activity Directions

1. Print pages 1-sided.

2. Cut the first page in half vertically.
3. Cut along the horizontal lines. Stop when the dotted line ends.
4. Paste or staple along the margins.



Name: _____ Date: _____

Building a Model Lung

Objective: to understand how the diaphragm and lungs work together to help people breathe

Materials: two balloons, water bottle, clay, straw, rubber band, scissors, pencil

Procedure:

1. Cut the neck off of one balloon. Cut the bottom off of the water bottle.
2. Stretch the cut balloon around the end of the water bottle. This will represent a diaphragm.
3. Put the straw inside the second balloon and tie a rubber band tightly around it. The balloon will represent the lung and the straw represents the windpipe.
4. Put the pencil through the ball of clay, then put the ball of clay around the top of the straw with the balloon.
5. Feed the balloon with the straw into the water bottle.
6. Seal the top of the water bottle with the clay.
7. Gently pull the diaphragm balloon down to simulate breathing.

Hypothesis: *How do you think the model lung will work?*

Draw a picture of your experiment:

Observe & Collect Data: *Complete the chart to record your observations of your lung model.*

| | Pull the diaphragm slowly | Pull the diaphragm quickly |
|--------------------------|---------------------------|----------------------------|
| What Happens to the Lung | | |

Interpret Data: *Write two sentences explaining the data you collected.*





Drawing Conclusions:

My hypothesis was _____ (correct/ incorrect). I discovered... (What did you learn about how the lungs and diaphragm work together?)

Reflections: *What questions do you have? What do you wonder? Would you do this experiment in a different way?*

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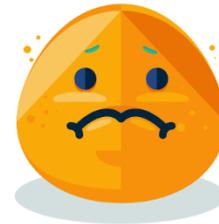


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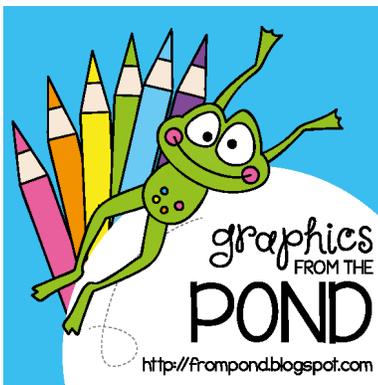
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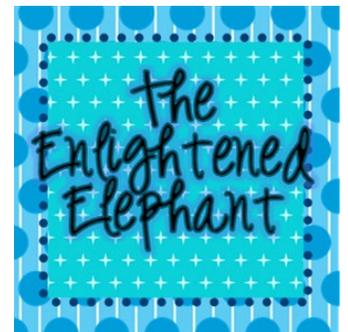
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Kari Bolt
children's illustrator



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