

Breathe In, Breathe Out: Making a Diaphragm Model

1. Cut out the four pieces around the edges.
2. Cut the 2 short slots near the underarms for the rib pictures to slide into.
3. Cut along the line above the boys head.
4. Cut along the curved line in the middle of the boy's shirt.
5. Insert the rib pictures into the two side slots and glue them down.
6. Pinch together the BREATHE IN end of the long piece and insert it into the straight slot.
7. Thread the picture behind the boy inserting BREATHE IN end through the curved slot.
8. The BREATHE OUT end of the long piece should be through the straight slot.
9. Open the pinched ends back up so the long piece does not come out.
10. On the left side of the boy, list the following structures: (recall body directions!)

Mediastinum	Bronchioles
Pleura	*Alveoli
Lungs	Diaphragm
Trachea	*Epiglottis
Bronchi	Ribs

*These structures are not on the page, you will have to draw them in on your own.
11. Make a key of different colors for each term.
12. Color the picture according to your key.
13. On the back, write a short explanation of why the diaphragm moves the way it does in relation to the lungs, during inspiration and expiration.

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