Making Bottled Lungs
Lesson Title: Bottled Model Lungs
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Name:____________________________

Materials:
- Clear 2-liter plastic soda bottle
- Scissors or knife
- Y-tubes
- String
- Pair of latex gloves
- Rubber band

Instructions:
1. Cut two fingers off the glove. These will represent the lungs.
2. Tie the fingers to the ends of the Y-tube.
3. Cut the bottom off the soda bottle.
4. Ask your leader to punch a hole in the bottle cap.
5. Place the Y-tube with the fingers attached into the bottle through the bottom.
6. Place the cap on bottle so that the Y-tube sticks through it out of the top of the bottle.
7. Cut a circle from the palm of the glove.
8. Stretch the circle over the bottom of the bottle and secure it with a rubber band.
9. Push up and pull down on the latex on the bottom of the bottle. What happens?

Questions:
1. In what ways does the model you built do a good job of representing the lungs?

2. In what ways could your model be improved?