

Student learning outcome (SLO):

<ul style="list-style-type: none"> • How human body is made • Levels of organization 	<ul style="list-style-type: none"> • Some major organs of the human body including, stomach, heart, brain, lungs, kidneys • Describe some major organ systems of the body
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Overview:

The main purpose of this lesson is to reinforce the different organs their function and location with their associated organ systems.

Introduction:

Lead the students learn about different parts of the body and their functions,

'Major organ Systems of the Human Body'.

Video of the lecture can be shown to the students as well.

<https://youtu.be/Cpb0RBBL9Wc?si=iKdWjXi9TG7Sve43>



Keywords:

Brain, heart, lungs, bones, joints, muscles, cardiac, respiration, tendons, ligaments, molars, premolars, canines, incisors

Material:

- Plastic bottle
- Straw
- Rubber
- Scissors
- Balloons
- Glue

Activity: Working of lungs

- Cut bottle from the middle into two parts.
- Make a hole in the bottle cap.
- Pass a straw through the cap hole.
- Join two straws with the main straw with the help of some glue.
- Fasten openings of two small balloons with the two ends of straws with bands. Put the whole structure into the bottle's upper part, as shown at step-5.
- Take a large balloon and cut its upper opening. Tight the bigger end of the large balloon at the bottom of the bottle with the band.

- Stretch the bottom balloon and observe. You will see, the balloons inside the bottle will inflate. When you release back the bottom balloon, the inner balloons will deflate: as our lungs do.

Essential questions:

Before starting the lesson, ask some questions to explore the background knowledge of students:

1. Which internal organ is the boss of the body?
2. Which organ pumps blood around our bodies?
3. What lungs do in your body?
4. How many lungs are present in our body?
5. Which organ of the body maintains blood pressure?
6. Tell the children that the human body is an amazing thing and all of its parts do different things.
7. Ask the children to describe what they can see.
8. How many bones are present in a newborn baby and an adult?
9. How many muscles are present in our body?