



Science Virtual Learning

LEP Science

**Human Body Systems: Structure and Function
Circulatory and Respiratory**

May 13, 2020



LEP Science
Lesson: May 13, 2020

Objective/Learning Target:

I can explain the basic structure and function of the
Circulatory and Respiratory Systems



Let's get started

Copy the attached chart on to a sheet of paper (or make a copy of it in your google drive). You will want to keep this for the lessons this week as we will be adding to it daily.

[Human Body Systems chart](#)



Lesson Activity

The Circulatory System

Open this [link](#) to explore the Circulatory System. Take notes and be ready to answer some questions while doing so.

Answers to the Circulatory System Activity

1. D

2. A

3. B

4. B

5. A

6. C

7. E

8. A blockage to the vessels that serve the heart causing part of the heart to die.



Lesson Activity

The Respiratory System

Open this [link](#) to view a video over the Respiratory system. Take notes as you watch. Questions are embedded in the video. Answers will be given during the video as well.



Hopefully by now you have a good understanding of how the circulatory and respiratory systems work. Let's do a little more practice with what you have learned.

Study these [flashcards](#) then answer the questions on the next slide.

1. How many chambers does the human heart have?
2. What is the main function of the respiratory system?
3. Name 3 main parts of the circulatory system.
4. What is the main function of the circulatory system?
5. Name 3 main parts of the respiratory system.
6. Explain how the circulatory and respiratory systems work together.

1. How many chambers does the human heart have? 4
2. What is the main function of the respiratory system? The respiratory system is responsible for gas exchange (oxygen in and carbon dioxide out)
3. Name 3 main parts of the circulatory system. Heart, arteries, veins, blood
4. What is the main function of the circulatory system? The circulatory system is responsible for moving blood around the body so that oxygen can be delivered, carbon dioxide removed, and nutrients can reach all cells.
5. Name 3 main parts of the respiratory system. Lungs, trachea, bronchi, pharynx, oral cavity, sinuses, alveoli, diaphragm
6. Explain how the circulatory and respiratory systems work together. The circulatory system picks up the oxygen brought in by the lungs and delivers it to the body. As the oxygen is dropped off, carbon dioxide is picked up and released in the lungs.



How have you done on your body systems chart?
Check your progress [here](#).



Additional Resources

Here is a fun interactive [game](#)

[Circulatory and Respiratory systems](#)

[Khan Academy quiz](#)