

Grade 7

Distance Learning Module 8: Week of May 26th – May 29th

Heart and Lung Interaction

Grade 7 Science *Modified from [Unit 4: Human Body Performance](#)*

Targeted Goals from Stage 1: Desired Results

Content Knowledge:

The body systems in organisms work together to allow the organisms to perform necessary functions.

The major parts of the human circulatory system are the heart, arteries, veins, and capillaries. The right side of the heart pumps blood to the lungs for gas exchange; the left side of the heart pumps the oxygenated blood around the body.

Vocabulary:

Skills: Synthesizing and applying information to determine how the body systems (circulatory and respiratory) work together.

Expectation:

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday:	Memorial Day	No School
Tuesday: Carefully read the 13.31: Breathing and watch the embedded video. Also, carefully examine the diagrams in the text. Answer the question posted in Google Classwork.	cK12 Lesson 13.31: Breathing	You will not have a quiz on today's cK12 work, only a questions prompt in Classroom. You will work on a lab starting tomorrow that will require you to apply the cK12 information as you analyze the lab and data to answer the lab questions.
Wednesday & Thursday: Students will watch a video of a lab being	Feedback Mechanisms Lab: Demonstration	Submit Feedback Mechanisms Lab on Friday

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
performed and write down the data from the lab. The students will then use the information from the lab and the recorded data to answer analysis questions.	Lab procedure, data table, and analysis	
Friday: Review material from the module. Complete the Edulastic assessment.	Edulastic weekly assessment	Feedback Mechanisms lab due. Edulastic Assessment

Week criteria for success (attach student checklists or rubrics):

- Students will be able to demonstrate their understanding of how the cardiovascular and respiratory systems work together by correctly answering analysis questions based on lab data and content understanding.
- Students will be able to answer the questions in the Edulastic formative assessment with a score of 80% or higher. Those who do not score above 80% will be expected to complete the teacher assigned lessons and retake the assessment.

Supportive resources and tutorials for the week (plans for re-teaching): (links are posted in Google classroom)

Khan Academy- heart, lungs, reviews, practice quiz
khanacademy.org- meet-the-heart
flexbooks.ck12.org - 13.31 Respiration Gas Exchange
flexbooks.ck12.org/ 13.31 Breathing