

Body Systems Project

Goal: With a group create an interactive activity that describes how your chosen Body System works.

Overall Expectation:

3. Interpret the healthy function of human body systems, and illustrate ways the body reacts to internal and external stimuli

Specific Expectations:

- Describe, in general terms, body systems for respiration, circulation, digestion, excretion and sensory awareness.
- Ask questions about the relationships between and among observable variables, and plan investigations to address those questions
- Work collaboratively on problems; and use appropriate language and formats to communicate ideas, procedures and results

Procedure (Day 1):

- 1) Get into group and each group will draw one of the Body Systems:
Digestive System Circulatory System Capillaries Nervous System
Respiratory System Endocrine Excretory System
- 2) Using the information from today's lecture, your textbook and video provided you will research how your chosen body system functions.
- 3) Once you have an understanding of how it works your group will design an interactive activity displaying how your body system works. Try to think of it as an interactive game that can be taught to other classmates.
- 4) Create your activity plans, in step by step instructions, and hand them in for feedback.

Procedure (Day 2):

- 1) Review activity created from last day so that each group member understands the game well enough to teach it. (10 minutes).
- 2) Jigsaw, so that new groups are created that include one person from each group.
- 3) Teach new group your activity that explains your body system.
- 4) After each activity fill in chart on back of page.
- 5) Once you have gone through everyone's activities complete questions attached.

Name: _____

Date: _____

Body System	Describe how it works.
Digestive System	
Nervous System	
Respiratory System	
Excretory System	
Circulatory System	
Endocrine System	

Name: _____

Date: _____

1) Explain how two body systems work together to get oxygen to the parts of your body that need it.

2) Suppose you receive a sudden surprise, such as Jurassic World actually being real. Your heart may beat faster and your breathing may become irregular. After short time, your breathing and heart rate return to normal.

a) Which two systems are reacting in this initial reaction?

b) Which system controls and co-ordinates their interaction?

3) Explain how two body systems work together to digest your lunch.