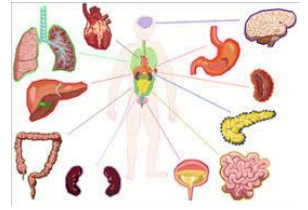


The Human Body Project

“In & Out”



Hungry? Grab a Snickers (or your favorite candy bar). Why is it that your favorite candy bar looks different when it comes out of the body than when it goes in the body? Ewwwwww, right?!!!! Over the next week we are going to take a journey through four systems (digestive, circulatory, respiratory, and excretory) of the human body to answer this question.

Objective: Summarize the general functions of the major systems of the human body (digestion, respiration, circulation, and excretion) and ways that these systems interact with each other to sustain life

Final Product: Technology based submission that must be approved by the teacher (be creative; think outside the box). PowerPoint will NOT be approved.

All final products will need to be submitted to Ms. Hawks via Google Classroom

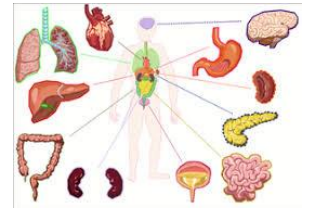
NO LATER THAN 4:00 pm Friday, May 17

Criteria:

<p>Digestive System:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Explain/show pathway candy bar takes <input type="checkbox"/> Organs/functions of each found in this system (in order) <input type="checkbox"/> Explain what happens to candy bar in each organ <input type="checkbox"/> What is food broken down into/where does it go next <input type="checkbox"/> Mechanical vs. chemical digestion <input type="checkbox"/> Diagrams of system that shows path food takes 	<p>Circulatory System:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Explain/show pathway (drop of blood starting in Aorta) <input type="checkbox"/> Organs/functions of each found in this system <input type="checkbox"/> Explain where to find oxygenated vs. deoxygenated blood within the body <input type="checkbox"/> Explain idea of the heart being a “mirror image” <input type="checkbox"/> Diagrams that show path blood takes through the heart
<p>Respiratory System:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Explain/show pathway air particle takes (start entering body) <input type="checkbox"/> Organs/functions of each found in this system (in order) <input type="checkbox"/> Diagrams that show path air takes through body 	<p>Excretory System:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Explain/show pathway wastes takes <input type="checkbox"/> Organs/functions of each found in this system <input type="checkbox"/> Diagrams that show path urine takes through body
<p>Making the Connection:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Explain how the 4 systems interact with each other as the candy bar moves through the body <input type="checkbox"/> Extend your explanation to then include how the body systems interact to sustain life 	

The Human Body Project

"In & Out" Rubric



Criteria	Points
Digestive System: <ul style="list-style-type: none"> <input type="checkbox"/> Explain/show pathway candy bar takes <input type="checkbox"/> Organs/functions of each found in this system (in order) <input type="checkbox"/> Explain what happens to candy bar in each organ <input type="checkbox"/> What is food broken down into/where does it go next <input type="checkbox"/> Mechanical vs. chemical digestion <input type="checkbox"/> Diagrams of system that shows path food takes 	/20
Circulatory System: <ul style="list-style-type: none"> <input type="checkbox"/> Explain/show pathway (drop of blood starting in Aorta) <input type="checkbox"/> Organs/functions of each found in this system <input type="checkbox"/> Explain where to find oxygenated vs. deoxygenated blood within the body <input type="checkbox"/> Explain idea of the heart being a "mirror image" <input type="checkbox"/> Diagrams that show path blood takes through the heart 	/20
Respiratory System: <ul style="list-style-type: none"> <input type="checkbox"/> Explain/show pathway air particle takes entering body) <input type="checkbox"/> Organs/functions of each found in this system (in order) <input type="checkbox"/> Diagrams that show path air takes through body 	/10
Excretory System: <ul style="list-style-type: none"> <input type="checkbox"/> Explain/show pathway wastes takes <input type="checkbox"/> Organs/functions of each found in this system <input type="checkbox"/> Diagrams that show path urine takes through body 	/10
Making the Connection: <ul style="list-style-type: none"> <input type="checkbox"/> Explain how the 4 systems interact with each other as the candy bar moves through the body <input type="checkbox"/> Extend your explanation to then include how they interact to sustain life 	/30
Presentation <ul style="list-style-type: none"> <input type="checkbox"/> ALL members of group actively participate and/or can be seen/heard, etc... in presentation <input type="checkbox"/> Final product can be easily seen/heard, etc... by audience <input type="checkbox"/> Group members show understanding of information presented (w/o use of notes, flashcards, etc..) 	/10
TOTAL Teacher Comments:	/100