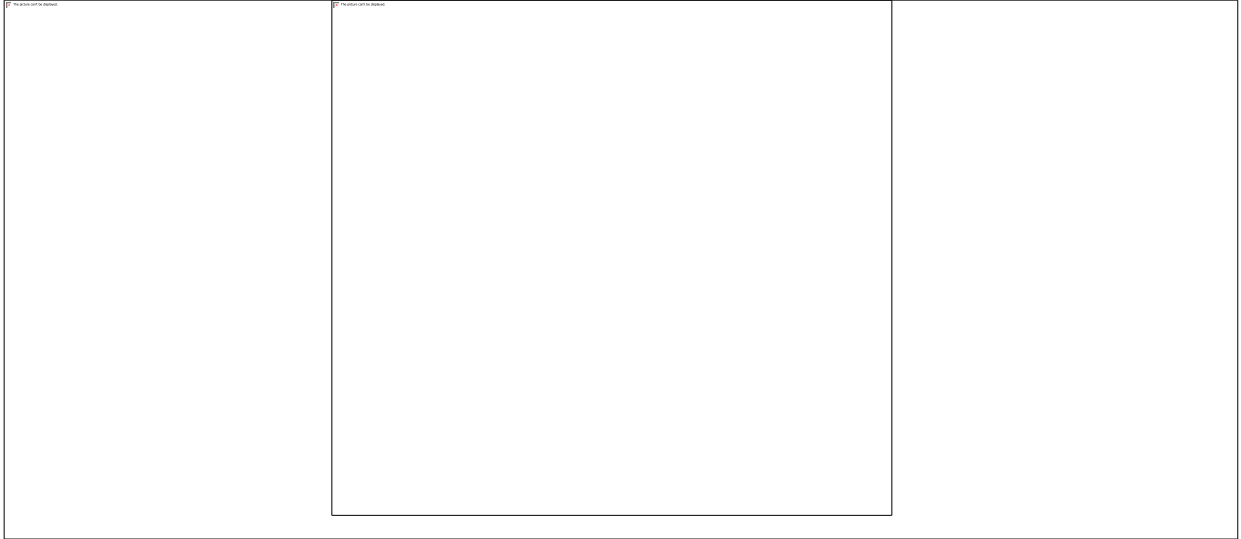# Human Body Project

Your body is made up of 11 different organ systems. All these systems are made up of different cells. These cells form different tissues. These different tissues create different organs. And these different organs create different organ systems. These different organ systems create the human body and allow your body to work!

You are going to use the Engineering design process to create a model that shows 3 function of two different human organ systems.

This semester
Step 1:
Research information on an organ system-how does it work? What does it do? What types of cells and tissues? How is it organized? How does it function?
Then research your second system with just as much detail.
Figure out how both systems function together!

Step 2:
Plan and design a model that shows how the two organ system work together and independently. The model needs to performs at least 3 functions, 1 with the systems working together and 1 where the system works independently of each other. In order to start the building you must complete a project proposal form and proof of your research.
Think about function not about look!

Next semester
Step 3:
Build your model and test to make sure it works

Step 4:
Create a presentation to teach the class about the two systems you focused on (information from research in step 1 and 2) and demonstrate your model with a description of how you built it and why

Human Body Project

Due at the end of class Friday 12/15 on Google Classroom. If drawing is hand drawn turn it into the inbox and indicate that on the google doc

Anwer on a google doc
Proposal Questions:

1. Description of model
2. Drawing of the model (hand drawn or using design software)
3. Functions your model will perform
4. Materials needed (be practical, consider safety)
5. Construction plan-how will you build it
6. What tests need to be done to make sure your model works and shows function
7. Unresolved issues or questions
8. Special requirements/requests