Human Body 2.0

How does the body provide cells everything they need to survive and maintain homeostasis?

You and your group of scientists have been tasked with choosing a body system and redesigning it to increase it’s efficiency. No more than two students in a group from the same class period.

You must *include* at least 4 systems in your organism (describing their function), and explain how the redesign of your systems increases their efficiency as well.

* Cardiovascular/Circulatory
* Excretory
* Digestive
* Respiratory
* Muscular
* Nervous
* Immune

Your team will present a proposal to convince a panel that your redesign should be chosen. Your proposal should include a summary of what is being redesigned, the benefits of the design, and a visual drawing/model that represents your changes.

Points will be awarded as follows:

* 4 Systems description and function: 10 pts
* Written redesign explanation and purpose: 45 pts.
  + Why did you choose these systems and what is bring changed?
  + How will this increase efficiency in each of the systems?
  + How will this impact the work of the interacting systems?
* Model/Drawing of redesign: 20 pts
* Persuasive Redesign Brief: 20 pts
* Peer Contribution Review: 10 pts

Remember: You will be reviewed by and review your group members for contribution which will be 10% of your grade. Be sure to contribute as much as you can an evenly divide the workload. Off task during class will result in points being lost.