

# Anatomy & Physiology

*Organ Systems Overview*

# Good morning!

- Please get two sheets of blank paper from the front of the classroom.
1. List the 12 human organ systems (or as many as you can) and their function.
  2. Draw a human body and label where they go.
  3. On the back, explain in a paragraph (5-7 sentences) what the purpose of the organ systems are. USE EXAMPLES!

# What systems did you list?

## Real Systems:

Endocrine

Cardiovascular

Lymphatic

Digestive

Nervous

Urinary/Excretory

Integumentary

Immune

Reproductive

Skeletal

Respiratory

Muscular

# What do all these systems do?

## Quick research assignment

1. Choose a partner from your table
2. grab a chromebook
3. Go to the website:

<http://www.innerbody.com/>

# Create a one-pager poster that:

Explains the following in 4-5 complete sentences with pictures of the system:

1. Overall function of the system and how it helps the body function as a whole.
2. Organs that are involved.

## **Quick Presentation**

# On a sheet of lined paper:

- Each person needs one:
- Label the top organ system sort
- EQ: How do the organ systems contribute to the performance of a task?

# What organ system helps with what?

For the following scenarios, decide with your partner what organ system(s) is/are responsible for achieving that action.(at least 3 organ systems) Justify your answer for credit!

1. Dodging a car
2. Eating a double double from In-n-Out
3. Doing a backflip
4. Fighting a winter cold
5. Drinking 8 glasses of water a day
6. Conceiving a child
7. Driving a car
8. Putting a bandaid on a cut
9. Sweating after playing a basketball game
10. Running a half marathon
11. Taking a nap
12. Swimming in the ocean
13. Watching your favorite movie with a friend

# What organ system helps with what?

## Discuss the answers.

- Dodging a car
- Eating a double double from In-n-Out
- Doing a backflip
- Fighting a winter cold
- Drinking 8 glasses of water a day
- Conceiving a child
- Driving a car
- Putting a bandaid on a cut
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# Reflecting Question:

Answer the following question in a paragraph at the end of the paper.

**Can organ systems be thought to be independent of one another in terms of body functions?**

Justify your answer with detailed examples from the class discussion.