

Health and Medical Science Summer Homework 2020

You will be assessed on your knowledge of the information below at the end of the 1st week of school. It is recommended that you create flashcards for the vocabulary and study the terms throughout the summer. A few general terms you should know before the 1st day.

- Anatomy
- Physiology
- Cell
- Tissue
- Organ
- Organ system
- Hypothesis (THIS IS NOT AN EDUCATED GUESS!!!)
- Theory
- Law

Terms relating to the relative position or location of one body part compared to another. It is recommended that you study the meanings of each term as well as examples of their use.

- Anatomical Position
- Superior (cranial)
- Inferior (caudal)
- Anterior (dorsal)
- Posterior (ventral)
- Medial
- Lateral
- Bilateral
- Ipsilateral
- Contralateral
- Proximal
- Distal Superficial (external)
- Deep (internal)

Terms relating to planes that are used to divide the body.

- Sagittal
- Transverse (horizontal)
- Frontal (coronal)

Terms relating to body cavities. It is recommended that you know the location of the cavity as well as examples of organs found within.

- Cranial cavity
- Vertebral canal
- Thoracic cavity
- Abdominal cavity
- Pelvic cavity

Human body systems. It is recommended that you know the general function(s) of each system as well as examples of major organs of each system.

- Integumentary

- Skeletal
- Muscular
- Nervous
- Endocrine
- Cardiovascular
- Lymphatic
- Digestive
- Respiratory
- Urinary
- Reproductive

Helpful resources:

- <https://www.wisc-online.com/learn/career-clusters/health-science/ap15305/anatomical-terminologyrelative-position>
- <https://www.wisc-online.com/learn/career-clusters/health-science/ap15505/the-organization-of-thehuman-body-body-cavit>
- <https://www.wisc-online.com/learn/career-clusters/health-science/ap15605/body-sections-anddivisions-of-t>
he-abdominal <http://www.mananatomy.com/body-systems> <http://www.innerbody.com/>