

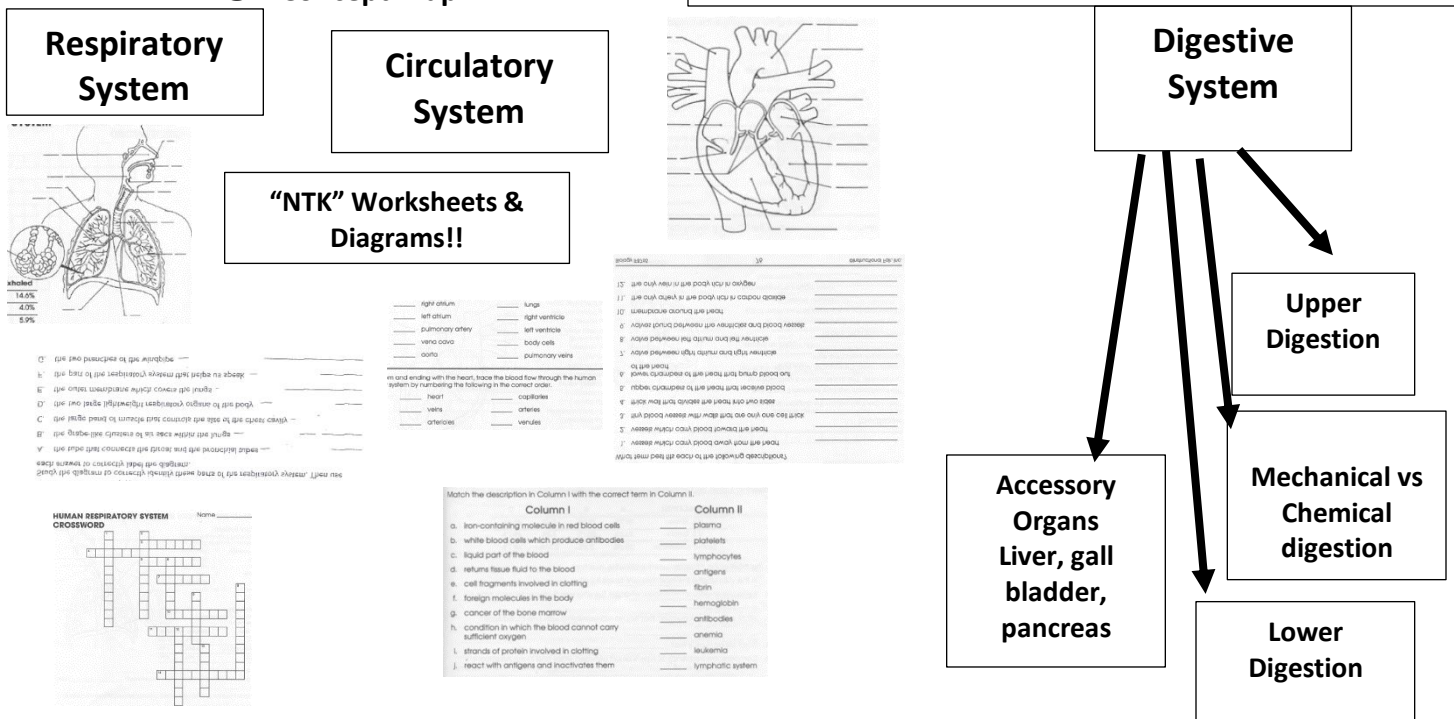
# JH Science Study Guide

Remember, study the entirety of the information. Don't simply study the "easy way" for example, Quizlet. Study to understand the concept not simply memorize information. If I ask questions in a different way that you memorized... oh my!

## What do I need to study for this exam?

1. PPT Notes – [Digestion](#), [Respiration](#), [Circulation](#)
2. Worksheets – 72, 74, 8A, 73, 7A, 79, 80, 6A, 6B, 75, 76, 77
3. Quizlet Sets – [18 Diagrams](#), [18 Terms](#), [19 Terms](#), [19 Diagrams](#), [20 Respiration Terms & Diagrams](#)
4. CHI Verses – [Quizlet set: All](#)
5. Greek & Latin Terms – [Quizlet set: All](#)
6. Classification – NONE
7. Screencasts – [Digestion](#), [Respiration](#), [Circulation](#)

## 8. Concept Map:



- Some possible Essay Questions MIGHT include (but are not limited to):
1. Explain how the heart is like two separate pumps.
  2. Compare and contrast arteries and veins. Explain how they connect.
  3. What substances compose the particles of blood?
  4. Explain the path of an Oxygen molecule from the atmosphere all the way thru the body to the mitochondria of a muscle cell.
  5. What are the main "Accessory" Digestive organs?
  6. Explain how the blood flows thru the heart
  7. Explain the adjective terms Pulmonary, cardiac, cerebral, hepatic and renal
  8. What is the function of nasal turbinates??

**NTK Sequence to the Digestive System**  
**Mouth, pharynx, esophagus, cardiac sphincter, stomach, pyloric sphincter, duodenum, jejunum, ileum, ileocecal valve, cecum, ascending colon, transverse colon, descending colon, sigmoid colon rectum anal sphincter, anus**

**NTK Sequence to the Blood Flow thru the heart**  
**Inferior & superior Vena Cava, Right Atrium, Tricuspid Valve, Right Ventricle, Pulmonary semilunar valve, Pulmonary artery, lungs, pulmonary vein, left atrium, Bicuspid(Mitral) valve, Left Ventricle, Aortic semilunar valve, Aorta, body, back to Inferior & superior Vena Cava**