Heart Lab
In this lab students will learn to identify structures of the heart. Use your textbook to identify and label the structures of the heart listed below. Watch the video on the Anatomy and Physiology website that is associated with this lab.

Activity One: Anatomy of the Heart
Please identify and label the following heart structures listed below. Use your textbook to complete this activity, the heart anatomy can be found on Figure 19.6, 19.7 & 19.10 (pages 714, 715, &718).

- Superior vena cava
- Inferior vena cava
- Right atrium
- Right AV valve (tricuspid valve)
- Tendinous cords
- Right ventricle
- Pulmonary valve
- Pulmonary trunk
- Right pulmonary artery
- Left pulmonary artery
- Right pulmonary veins
- Left pulmonary veins
- Left atrium
- Left AV valve (bicuspid valve or mitral valve)
- Tendinous cords
- Left ventricle
- Aortic valve
- Ascending aorta
- Aortic arch
- Brachiocephalic trunk
- Left common carotid artery
- Left subclavian artery
- Interventricular septum
Right coronary artery
Left coronary artery
Anterior interventricular artery (branch of the left coronary artery)
Circumflex artery (branch of the left coronary artery)
Activity Two: Anatomy of the Heart (Model)
Please identify and label the following structures of the heart (same as above) on the models below.
Watch the Heart Lab Video on the Anatomy and Physiology Website to help you complete this activity.

__ Superior vena cava  __ Left atrium  __ Left AV valve (bicuspid valve or mitral valve)
__ Inferior vena cava  __ Tendinous cords
__ Right atrium  __ Right atrium
__ Right AV valve (tricuspid valve)  __ Tendinous cords  __ Left ventricle
  __ Tendinous cords
__ Right ventricle  __ Aortic valve
__ Pulmonary valve  __ Ascending aorta
__ Pulmonary trunk  __ Aortic arch
__ Right pulmonary artery  __ Brachiocephalic trunk
__ Left pulmonary artery  __ Left common carotid artery
__ Right pulmonary veins  __ Left subclavian artery
__ Left pulmonary veins  __ Interventricular septum
__ Left pulmonary veins  __ Right coronary artery
__ Right coronary artery  __ Left coronary artery
__ Interventricular septum  __ Anterior interventricular artery
  (branch of the left coronary artery)
__ Left subclavian artery  __ Circumflex artery (branch of the left coronary artery)