Cardio: Sheep’s Heart and Blood

1. Identify all the types of white blood cells, red blood cells and platelets.

2. Be able to describe the path of the blood through the heart, listing all the parts of the heart the blood passes through and when the blood is oxygen rich or oxygen poor.

3. On the heart models: Identify the following structures and know if they have oxygen rich or oxygen poor blood passing through them.

   a. Superior and Inferior vena cava
   b. Right Atrium
   c. Tricuspid AV valve
   d. Right Ventricle.
   e. Pulmonary SL valve
   f. Pulmonary Arteries
   g. Pulmonary veins
   h. Left Atrium.
   i. Mitral AV valve
   j. L Ventricle
   k. Aortic SL valve
   l. Aorta
   m. Coronary arteries and veins
   n. Septum
   o. Chordae tendineae
   p. Papillary muscles

4. On the sheep’s heart: identify the four chambers (including right from left), and septum.