Supplies:

• 3 sheets paper
• Pencil
• 3 fine tip colored markers (blue, red, green)
• Optional: highlighter (pink or orange)
The heart is a double pump.

Right Heart Pump

Left Heart Pump
The right heart pumps venous (deoxygenated) blood.
The left heart pumps arterial (oxygenated) blood.
Step 1: Draw outline of the right heart.
Step 3: Draw both superior & inferior vena cava.

Rt. side

superior vena cava

inferior vena cava

Lt. side

LA

RV

LV

RA

septum

apex

Rt. side
- superior vena cava
- tricuspid valve
- inferior vena cava

Lt. side
- LA
- LV
- septum
- apex

Rt. side
- superior vena cava
- tricuspid valve
- inferior vena cava

Lt. side
- pulmonary artery
- LA
- RV
- LV
- septum
- apex

- Rt. side:
  - superior vena cava
  - tricuspid valve
  - inferior vena cava

- Lt. side:
  - pulmonary artery
  - pulmonary valve

- Heart structures:
  - RA (Right Atrium)
  - LV (Left Ventricle)
  - RV (Right Ventricle)
  - LA (Left Atrium)
  - septum
  - apex
Step 7: Outline great vessels & chambers with blue marker.

- Superior vena cava (Rt. side)
- Tricuspid valve
- Inferior vena cava
- Pulmonary artery
- Pulmonary valve
- Septum
- Apex
- Left atrium (LA)
- Right atrium (RA)
- Left ventricle (LV)
- Right ventricle (RV)
Step 8: Outline valves in green. Color septum & myocardium in pink.

- RV
- RA
- LA
- LV
- Superior vena cava
- Inferior vena cava
- Tricuspid valve
- Pulmonary artery
- Pulmonary valve
- Septum
- Apex
Step 9: Indicate pathway of blood through right heart with arrows.
Step 1: Draw outline of the left heart.

Rt. side

Lt. side

apex
Step 2: Draw the myocardium & septum.
Step 3: Draw mitral valve.
Step 4: Draw aorta.

Rt. side

Lt. side

myocardium

mitral valve

septum

apex
Step 7: Outline great vessels & chambers with red marker.
Step 8: Outline valves in green. Color septum & myocardium in pink.
Step 9: Indicate pathway of blood through left heart with arrows.

Rt. side

- pulmonary veins
- aorta

Lt. side

- pulmonary veins
- mitral valve

LA

RA

RV

LV

septum

apex

myocardium

aortic valve
Final Step: Draw entire heart.