

Science 9

The Heart Poster

NOTE: This is an **individual** project. If you are doing this, you must work ALONE and do all the work yourself.

Directions:

On the piece of construction paper provided:

1. Draw the diagram of the heart. As a guide, use the diagram on page 180 of the text and the diagrams on the back of this sheet. The drawing must fill the **whole sheet** of paper and all parts must be coloured for full marks.
2. **Draw** and **label** each part given below. Lines must be **straight** and printing must be **neat** for full marks.
3. Somewhere on the poster, clearly state the **function** of each one of the following parts. The information can be found in the Science Probe 9 textbook, in other biology textbooks (see me) or on the internet. Some addresses are:

<http://yalenewhavenhealth.org/library/healthguide/en-us/images/media/medical/hw/n5550728.jpg>

<http://www.memorialhospital.org/Library/general/heart-HEART-2.html>

Parts:

superior vena cava
inferior vena cava
right atrium
right ventricle
aorta
pulmonary arteries
pulmonary veins
left atrium
left ventricle
tricuspid valve
aortic valve
mitral valve
heart muscle
septum

1. **General neatness and appearance (10 marks)**
2. **All 12 parts drawn and labeled properly (12 marks)**
3. **Functions given for each of the 12 parts (including what kind of blood (oxygenated or deoxygenated), and where it is going to or coming from when applicable.**

Total marks for this section of the project is 34 marks

