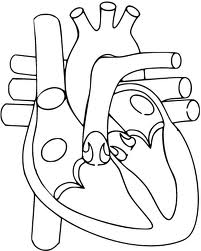
**Structure and Function of the Heart**

Using the descriptions in the word bank below identify the locations of the key structures by labelling the arrows in the diagram:

Right side

Left side

S L V

[](http://www.google.co.uk/imgres?q=heart+diagram&hl=en&tbo=d&biw=1920&bih=899&tbm=isch&tbnid=zz7706PJ4u50yM:&imgrefurl=http://t.co/01YIoMK3&docid=tbf2UtvCv_Im1M&imgurl=http://www.schroederstrimworks.com/wp-content/themes/titan/human-heart-diagram-labeled-5919.svg&w=380&h=475&ei=7czAUJHVOaLi0QHCkoGYAQ&zoom=1&iact=hc&vpx=606&vpy=529&dur=3135&hovh=251&hovw=201&tx=87&ty=165&sig=112232271775140047513&page=1&tbnh=135&tbnw=109&start=0&ndsp=65&ved=1t:429,r:44,s:0,i:225)

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|  |  |
| --- | --- |
| Septum – dividing wall separating the right and left side of the heart | Left atrium - receives oxygenated blood from the lungs |
| Semi lunar valves – prevent back flow of blood back into the heart | Left ventricle - receives oxygenated blood from the left atrium |
| Right atrium – receives deoxygenated blood from the systemic circuit | Right ventricle – forces blood out of the heart to the lungs |
| Cuspid valves – separate the atria and ventricle on both sides of the heart |  |

**The Double Circulation System**

|  |  |  |
| --- | --- | --- |
| Circulation System | Destination | Gas content (add high/low) |
|  |  | Carbon Dioxide content goes from ……… to ……….  Oxygen content goes from ……… to ………. |
|  |  | Carbon Dioxide content goes from ……… to ……….  Oxygen content goes from ……… to ………. |

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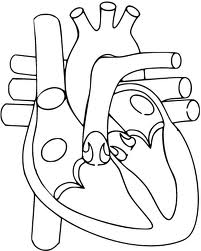
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**Structure and Function of the Heart**

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Right side

Left side

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