

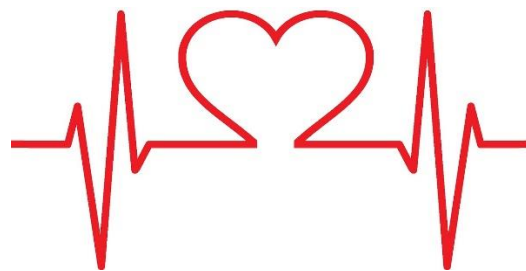
# GETTING AHEAD



Start to develop skills that are relevant to your course before you join HSDC this September!

## Biology – A Level

### The Heart of the Matter



#### Students should be able to:

- Analyse and interpret data relating to pressure and volume changes during the cardiac cycle
- Analyse and interpret data associated with specific risk factors and the incidence of cardiovascular disease
- Evaluate conflicting evidence associated with risk factors affecting cardiovascular disease

Carry out some research into heart structure, function and disease using the links below. Think about what you can do to help you remember what you are learning, e.g. make revision notes, draw diagrams, make mind maps.

1. <https://www.youtube.com/watch?v=X9ZZ6tcxArl>
2. <https://www.youtube.com/watch?v=FLBMwcvOaEo>
3. <https://www.khanacademy.org/science/health-and-medicine/circulatory-system/pressure-volume-loops/v/pressure-in-the-left-heart-part-1>
4. <https://www.heartuk.org.uk/healthy-living/introduction>
5. <https://www.getroman.com/romanhood/heart-disease>

Then, complete the quizzes and worksheets on these links:

[http://www.phschool.com/science/biology\\_place/biocoach/cardio1/anatomy.html](http://www.phschool.com/science/biology_place/biocoach/cardio1/anatomy.html)  
[https://www.biologycorner.com/worksheets/heart\\_internal.html](https://www.biologycorner.com/worksheets/heart_internal.html)

Hand in your revision materials and the completed worksheet when you start College.

**We look forward to seeing you in September!**

For further information about your College and being a student at HSDC, please visit [hsdc.ac.uk/Alton](https://www.hsdac.ac.uk/Alton)