

**Study Skills**  
**Course Milestones for Students**

Please fill in sheets outlining what subjects/topics activities should be covered/completed by when.  
This will inform students on what they need to focus on throughout their study skills period.

<b>Course Title: CforE Biology</b>	<b>Level: Higher</b>
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<b>Month</b>	<b>Work to be covered/Topics/Activities/Assignments</b>
June/July	<b>DNA AND THE GENOME</b> Structure of DNA, copying the code, gene expression and proteins, proteins 1 and 2 topics plus related homeworks
August	<i>Differentiation in multicellular organisms, research and therapeutic use of stem cells, mutations topics plus related homeworks</i>
September	<i>Mutations, changes to chromosome number, evolution, selection, speciation, genetic drift and genomic sequencing plus related homeworks</i>
October	<b>DNA AND THE GENOME UASP</b> <b>ANALYSIS OF UASP AND REMEDIATION</b>  <b>METABOLISM AND SURVIVAL</b> Membranes, enzymes 1 and 2, energy release and role of ATP plus related homeworks
November	Respiration 1 and 2, oxygen delivery, adaptation for low oxygen niche, metabolic conformers and regulators, surviving adverse conditions 1 and 2 topics plus related homeworks

December	Microorganisms, patterns of microbial growth and genetic control of metabolism <i>topics plus related homeworks</i> <b>METABOLISM AND SURVIVAL UASP</b> <b>ANALYSIS OF UASP AND</b> <b>REMEDICATION</b> <b>OUTCOME 1</b>
January	<b>SUSTAINABILITY AND INTERDEPENDENCE</b> Science of food production, plant growth and productivity 1 and 2, plant and animal breeding 1, 2 and 3, crop protection 1,2 and 3, animal welfare <i>topics plus related homeworks</i>
February	Symbiosis, social behaviour 1 and 2 plus related homeworks <b>PRELIMS</b> <b>ANALYSIS OF PRELIM AND</b> <b>REMEDICATION</b>
March	Biodiversity, threats to biodiversity 1 and 2 plus related homeworks <b>SUSTAINABILITY AND INTERDEPENDENCE UASP</b> <b>ANALYSIS OF UASP AND</b> <b>REMEDICATION</b>  <b>ASSIGNMENT COMPLETION</b>
April	<b>REVISION AND EXAMINATION</b>
Study Skills Course Directory of Support Resources	

Please fill in details below outlining what support is available for students completing this course. Please include on-line resources, books and details of revision sessions. If appropriate match the resource to the topics in the milestone calendar.

Resources	Topic/Activity/Assignment
<p><b><i>Textbooks in school</i></b></p> <p><i>Bright Red CFORE Higher Biology</i></p> <p><i>Higher Biology for CforE by Torrance</i></p> <p><i>Applying Knowledge and Skills for Higher Biology CforE by Torrance</i></p> <p><b>Consolidation Homeworks booklets provided by the school</b></p> <p><b>Best to buy if desired -</b></p> <p>Bright Red CforE higher</p> <p>How to Pass Higher Biology for CforE by Billy Dickson and Graham Moffat</p> <p>Leckie and Leckie CforE Higher Biology Success Guide</p> <p>Leckie and Leckie CforE Higher Biology Practice Papers</p> <p><b><i>Online resources</i></b></p> <p><i>Edmodo group has powerpoints and revision notes for the whole course</i></p> <p><i>Scholar CforE SQA Higher</i></p>	<p>These books cover the whole Higher course</p>

*Biology*

**Lunchtime and after school  
revision and consolidation  
sessions run all session at  
mutually agreed times once a  
week**