

## Biology - Combined Science (Foundation) - Paper 1

Topic	Red Amber Green
<b>Communicable &amp; Non Communicable Diseases</b>	
Pathogen Types	
The 7 Diseases	
Human Defence Systems & White blood cells	
Vaccinations	
Antibiotics & Resistance	
Drug Development	
Cancer	
Life Style Effects & Non-communicable Diseases ( <b>not</b> coronary heart disease)	
<b>Cells</b>	
Cell structures	
Eukaryotic & Prokaryotic Cells	
Specialised cells	
Microscopy Calculations	
Microscopy <b>Required Practical</b>	
Types of Microscopes	
Specialised cells	
Stem Cells	
Mitosis	
<b>The Digestive System</b>	
The structure of the digestive system	
The role of enzymes in digestion	
Food tests <b>Required practical</b>	
<b>Circulatory System</b>	
The Heart Structure	
Blood Vessel Structure & Function	
Treating Circulatory Problems ( <u>not</u> coronary heart disease)	
The Blood	
<b>Respiratory System</b>	
Respiratory System Structure	
<b>Photosynthesis</b>	
Photosynthesis & Limiting Factors	
Photosynthesis <b>Required Practical</b>	
Transpiration	
Translocation	
<b>Cell Transport</b>	
Diffusion	

## Biology - Combined Science (Foundation) - Paper 2

Topic	Red Amber Green
<b>Hormones</b>	
Glands & Hormones Basics	
IVF	
<b>Homeostasis</b>	
Homeostasis (general)	
Glucose Control	
Diabetes	
<b>Ecosystems &amp; Adaptations</b>	
Competition (animals)	
Competition (plants)	
Ecosystems, communities, habitats	
Biotic & Abiotic Factors	
Field Investigations <b>Required Practical</b>	
Carbon Cycle	
Water cycle	
<b>Pollution</b>	
Pollution (air, water, land)	
<b>Manipulating Organisms' Characteristics</b>	
Genetic Engineering	
<b>Genetics</b>	
DNA, genes, chromosomes	
Genetic Inheritance	
Genetic Diseases (CF, polydactyl)	
<b>Evolution, Fossils and Classification</b>	
Fossils	
Classification Systems	

All **Revision** Materials are available for students on Teams: Click [here](#).