

Year 11

Trilogy Science. Biology Paper 1. Foundation Tier



Pick a Topic to Revise

Actively read the Revision Guide or BBC Bitesize













































Watch the Video Link if you feel you need more help

Try the Practise Exam Questions and Mark them

You've Revised

Revision Topic	Revision Guide	Help Link	Revision Video		Practice Questions
	Foundation				
B1.01- Prokaryotic & Eukaryotic Cells	11	 Page: 7-8 Page: 11		Eukaryotes & Prokaryotes	
				Animal Cells	
				Plant Cells	
B1.02- Cell Differentiation	14				
B1.03- Specialised Cells	14			Specialised Animal Cells	
				Specialised Plant Cells	
B1.04- Light vs. Electron Microscopes	12-13	 Pages 5-6			
B1.05- Magnification RP	12-13	 Pages: 4 Pages: 1-3		RP Video	
				Sizes of Cells	
B1.06- Cell Cycle & Mitosis	15	 Pages: 1-2		Cell Cycle & Mitosis	
				Bacteria – Binary Fission	
B1.07- Stem Cells in Animals & Plants	16				
B1.08- Uses of Stem Cells	16	 Pages: 5-7			
B1.26- Types of Pathogens & Diseases	43-44	 Pages: 1-5		Pathogens	
				Measles & HIV	
				Salmonella & Gonorrhoea	
				Malaria	
B1.27- Non-specific Defences	45				
B1.28- White Blood Cells and Immunity	46				

Revision Topic	Revision Guide	Help Link	Revision Video	Practice Questions
	Foundation			
B1.29- Vaccinations & Herd Immunity	47	GCSE Bitesize Help Link Vaccination GCSE Bitesize Help Link Herd Immunity	YouTube	
B1.30- Antibiotics & Painkillers	48	GCSE Bitesize Help Link Pages: 3-4	YouTube	
B1.31- Drug Discovery & Testing	49	GCSE Bitesize Help Link Pages: 5-6	YouTube	
B1.19- Respiratory System & Gas Exchange	30	GCSE Bitesize Help Link	YouTube	
B1.20- Structure of the Heart	21	GCSE Bitesize Help Link Pages: 2-4	YouTube	
B1.21- Blood & Blood Vessels	32-33	GCSE Bitesize Help Link Blood Vessels GCSE Bitesize Help Link Blood (6-7)	YouTube Blood Vessels	
		YouTube Components of Blood		
B1.22- Coronary Heart Disease & Treatments	34-35	GCSE Bitesize Help Link Disease Causes GCSE Bitesize Help Link Treatments (Pages.9-11)	YouTube	
B1.23- Health & Disease	36	GCSE Bitesize Help Link	YouTube	
B1.24- Non-Communicable Disease	37	GCSE Bitesize Help Link Pages: 1-11	YouTube Diseases	
			YouTube Correlating Risk Factors	
			YouTube Lifestyles & Disease	
B1.25- Cancer	38	GCSE Bitesize Help Link	YouTube	
B1.12- Hierarchy of organisation	24	GCSE Bitesize Help Link	YouTube	
B1.13- Human Digestive System	24 & 27	GCSE Bitesize Help Link System GCSE Bitesize Help Link Villi	YouTube Digestive System	
			YouTube Absorption of Food	
B1.14- Enzymes & Factors affecting enzyme activity	25	GCSE Bitesize Help Link	YouTube Enzymes	
			YouTube Effect of Temperature & pH	
B1.15- Enzymes in the digestive system	27-28	GCSE Bitesize Help Link	YouTube	
B1.16- Role of Bile in the digestive system	28	GCSE Bitesize Help Link	YouTube	
B1.17- Food Tests RP	29	GCSE Bitesize Help Link Pages: 1-3	YouTube	

Revision Topic	Revision Guide	Help Link	Revision Video	Practice Questions
	Foundation			
B1.18- Investigate how pH affect amylase activity RP	26			
B1.09- Diffusion & Factors affecting rate of diffusion	17 & 20-22	 Pages: 1-3	 Diffusion	
			 Surface Area to Volume Ratio	
B1.10a- Process of Osmosis	18 & 20-22			
B1.10b- Osmosis Investigation RP	18	 Pages: 5-7		
B1.11- Active Transport	19 & 20-22	 Pages: 8-9		
B1.32- Photosynthesis & Limiting Factors	50-51	 Pages: 1-4	 Photosynthesis	
			 Limiting Factors	
B1.33- Structure of a Leaf	39			
B1.34- Transport Systems in Plants	40	 Pages: 3-5		
B1.35- Factors affecting Transpiration	41	 Pages: 5-10		
B1.36- RP Investigating Photosynthesis	51	 Pages: 5-8		
B1.37- Uses of Glucose	50			
B1.38- Aerobic & Anaerobic Respiration	54-55			
B1.39- Response to Exercise	56	 Pages: 4-5		
B1.40- Respiration in Plants & Yeast	55			
B1.41- Metabolism	54	