

BIOLOGY– FORM 2 SCHEME OF WORK – Term 2

WEEK	TOPIC	SYLLABUS OBJECTIVES
1	Review	<ol style="list-style-type: none"> 1. Correction of end of term paper. 2. Review of term 1 topics
2 - 3	Human Body Systems - Nutrition	<ol style="list-style-type: none"> 1. Define the terms diet and balanced diet 2. State the importance of the different nutrients (carbohydrates, proteins, fats, water, vitamins, minerals and fibre) 3. Identify food that contain the different nutrients 4. Identify causes and symptoms of deficiency diseases
3 - 7	Human Body Systems - Digestion	<ol style="list-style-type: none"> 1. Identify the different parts of the alimentary canal 2. Relate the structure to the function of the different parts of the alimentary canal. 3. Recognize the importance of digestion 4. Define the following terms: ingestion, digestion, egestion 5. Distinguish between physical and chemical digestion 6. Describe the chemical changes that occur to release simpler substances from the food.
7 - 10	Human Body Systems – Breathing and Respiration	<ol style="list-style-type: none"> 1. Define the term ‘breathing’ 2. Recognize and observe the changes in the body during inhalation and exhalation 3. Describe the process by which air moves in and out of the lungs 4. Compare the composition of inhaled and exhaled air 5. Relate increase in physical activity to increase in breathing rate 6. Outline the process of respiration (Include word and chemical equation) 7. Distinguish between aerobic and anaerobic respiration.