

GRADE 10 ARABIC SCHEMES OF WORK FOR TERM 2

NAME OF THE TEACHER:.....

SCHOOL:..... YEAR:.....

Wk	Lsn	Strand	Sub-strand	Specific Learning Outcomes	Key Inquiry Question(s)	Learning Experiences	Learning Resources	Assessment Methods	Refl
1	1	2.0 Anatomy and Physiology of Plants	2.1 Nutrition	Explain types of nutrition in plants	How do plants obtain food?	Discuss autotrophic and heterotrophic nutrition	Charts, textbooks	Oral questions	
	2			Describe structure of chloroplast	What structures enable photosynthesis?	Observe diagrams of chloroplast	Charts, microscope slides	Observation	
	3			Illustrate light stage of photosynthesis	How does light energy help plants make food?	Teacher demonstration and discussion	Digital animation, charts	Quiz	
	4			Explain dark stage of photosynthesis	What happens after the light stage?	Group discussion on carbon fixation	Charts, videos	Written assignment	

	5			Appreciate importance of photosynthesis	Why is photosynthesis important to life?	Class discussion linking photosynthesis to food chains	Charts, videos	Oral questions	
2	1	2.0 Anatomy and Physiology of Plants	2.1 Nutrition	Describe different nutrition modes in plants	Are all plants autotrophic?	Discuss parasitic and insectivorous plants	Specimens, charts	Observation	
	2			Explain adaptations of insectivorous plants	How do insectivorous plants obtain nutrients?	Study diagrams and pictures	Charts	Oral questions	
	3			Relate chloroplast structure to function	How does chloroplast structure aid photosynthesis?	Microscope observation activity	Microscope slides	Practical assessment	
	4			Illustrate photosynthesis equation	What materials are required for photosynthesis?	Teacher demonstration	Charts	Written work	
	5			Explain significance of photosynthesis	How does photosynthesis sustain life?	Group discussion	Charts	Quiz	