

# ACADEMIC HEIGHTS PUBLIC SCHOOL

Jungle Dhusar, Gorakhpur

Session 2017-18

## Syllabus of Class - IX, Subject - Biology

Month	W. Days	Topics/Chapter	Activity
April	22	<b>Theme : The World of the Living</b>	1. . To prepare stained
May	17	Unit – III Organisation in the Living World	temporary mounts of
		Chapter 5	a) onion peel
June	9	The Fundamental Unit of Life –What are	b) human cheek cell.
		living organisms made of, Structural	& to record their
		organization of cell, Cell membrane, Cell wall,	observation & draw
		nucleus, Cytoplasm.	labelled diagram
		Cell (Contd..)	2. To determine the mass
		Cell organelles – Endoplasmic reticulum, Golgi	percentage of water
		bodies, Lysosome, Mitochondria, Plastids &	imbibed by raisins.
		Vacuoles	
		<b>Unit – III Organisation in the Living World</b>	
		Chapter 6	
		Tissues – Are plants and animals made of same	
		type of tissues	
		<b>Unit – III Organisation in the Living World</b>	3. To identify parenchyma
		Chapter 6	and sclerenchyma tissues
		Tissues	in plants and to draw their
		Plant Tissues – Meristematic , Simple &	labeled diagrams.
		Complex Permanent tissues in plants. Structure	
		and function of Animal tissues – Epithelial	
		tissue	
		Tissues (Contd..)	4. To identify striped
		Structure and function of Animal tissues –	muscle fibres and nerve
		Epithelial, Connective, Muscular, Nervous	cells in animals from
		tissue.	prepared slides. To draw
			their labeled diagrams.
<b>Periodic Test - I</b>			
July	26	UNIT – I – Food (Contd..)	5. To test the presence of
		Crop production management - nutrient	starch in given food
		management, use of fertilizers, manures,	sample.
		irrigation, cropping patterns. Crop protection	6. To test the presence of the
		management -protection form pests and	adulterant metanil yellow
		diseases, Storage of grains , organic farming.	in dal .
		Animal Husbandry- cattle farming, poultry	
		farming(Egg and broiler production), Fish	
		production (Marine & Inland fisheries).	
		Bee keeping.	
Aug+Sept.	24+24	Theme - Food	
		UNIT – 1 Food	
		Chapter 15	
		Improvement in Food Resources-	
		Improvement in crop yields - Crop variety	
		improvement	
<b>Half Yearly</b>			

Principal/Director