

DAYAWATI MODI PUBLIC SCHOOL, CHANDIL

Syllabus

Session:-2021-2022

Class:- 9

subject: Biology Subject Teacher :Shagufta Yasmin Ansari

Name of Book:- NCERT and reference Book

Month	Working Days	Lesson	Art Integrated Project
April	23	Unit 2: Organizations in the living world Ch.1. Cell - Basic unit of life Cell as a basic unit of life, prokaryotic and eukaryotic cells, Multicellular organisms Cell structure: plasma membrane and cell wall s, nucleus and cell organelles.	
May	34/09	Ch.1. Cell organelles- chloroplast, Mitochondria, endoplasmic reticulum, ribosomes, chromosomes, Golgi apparatus and vacuoles- structure and function.	
June	24/16	Ch.2 Tissue Organ and organs system. structure and function of animals and plants tissue. Plant Tissue: meristematic tissue and permanent tissue. Practical work: preparation of stained temporary mount of- (a) onion peels (b) human cheek cells	
July	25	Ch.2 Animal Tissue- epithelial, connective, muscular and nervous tissue. Practical work: Identification of parenchyma, collenchyma and sclerenchyma tissue in plant.	
August	23	Ch. 3. Health and disease. Health and it's significance, Infectious and non- Infectious disease and their cause and manifestation. Activity: prepare poster on the topics "To maintain good health tips".	

September	17	<p>Ch.3 Disease caused by Microbes- (Bacteria,virus & protozoa) and their prevention.</p> <p>Principles of treatment and prevention.</p> <p>Pulse polio program.</p> <p>Activity 1. Make a power point presentations on the topic of bacterial disease causing, effect and prevention.</p>	
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October	17	<p>Ch.4 Biological Diversity</p> <p>Five kingdom classification</p> <p>Kingdom- monera, protists, fungi ,plantae and Kingdom Animalia.</p> <p>Activity:</p> <p>Prepare a chart of different species binomial nomenclature</p>	
November	20	<p>Ch. 5. Our Environment:</p> <p>Air Water and soil pollution cause and prevention , Ozone depletion, Waste products and their solutions.</p> <p>problem, Ozone depletion, Waste products and their solutions.</p> <p>Group Activity :</p> <p>Group discussions on environmental issues and solutions.</p>	
December	20	<p>Biogeochemical cycles - water cycle, oxygen cycle, nitrogen cycle and carbon cycle.</p> <p>Practical work: identification of animal tissues- striped muscles, nervous tissue etc.</p>	

January	23	Ch. 6. Improvement in food Resources Agriculture: Improvement in crop variety, improvement in crop production, management of crop protection.	
February	20	Ch.6. Animal husbandry Activity:To make a herbarium of cereals, pulses and oil seed and to find out their sowing and harvesting season.	