

SHARJAH INDIAN SCHOOL

SYLLABUS FOR THE ACADEMIC YEAR 2018 – 2019

GRADE: 11- BOYS WING JUWAISA

SUBJECT: BIOLOGY

		THEORY		PRACTICALS		
Month	Unit No.	Title of Lesson	No. of Periods	Name of Experiment / Project Planned	No. of Periods	Remarks
APRIL	1	The Living World	2	Seminar on Taxonomy and its hierarchy	2	-
	1	Biological Classification	3	Specimen Identification	2	
	5	Digestion and Absorption	4	PPT on steps in digestion	2	
	5	Cell – The Unit of Life	4	Identification of slides	2	
MAY	4	Photosynthesis in Higher plants	8	Paper chromatography and expts. on photosynthesis Identification of specimens & slides.	2	Cycle Test 1
	5	Breathing and Exchange of Gases	5			
	4	Respiration in Plants	7			
	1	Plant Kingdom	5			
JUNE	3	Cell Cycle	6	Identification of slides – mitosis & meiosis. Identification of biomolecules.	2	Periodic Test 1
	5	Locomotion and Movement	6		2	
	3	Biomolecules	8		2	
	1	Animal kingdom	5			

Prepared by:

(Name & Signature)

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September	2	Anatomy of Flowering Plants	8	Slide preparation monocot & dicot.	2	Cycle 2
	2	Morphology of Flowering Plants	8	Description of Plant families with examples.	2	
October	5	Neural Control and Coordination	8	PPT – on structure & functioning of Ear.	2	Half Yearly Exam
	4	Transport in Plants	9	Slide preparation – stomata, plasmolysis.	2	
November	5	Body fluids and Circulation	5	Seminar on cardio vascular disorders	2	Periodic Test 2
	2	Structural organization in Animals	7			
	4	Plant Growth and Development	7			
December	5	Excretory products and elimination	6	Hydroponics – video presentation	2	-
	4	Mineral Nutrition	8			

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January	5	Chemical Control and Integration	10	Seminar on various hormonal disorders	2	-
February	-	Revision	-	-	-	-
March	-	Annual Exam	-	-	-	-

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