

INDIAN SCHOOL MUSCAT		
SCIENCE SYLLABUS STD-IV		
2019-2020		
TERM I		
MONTH	NO. OF PDS	TOPIC
April 15 pds	1	Introduction - Briefing the students on the maintenance of the notebook and creating the Index page.
	2	Ls-1 - Adaptations in plants -Introduction- Pg 3
	3	Terrestrial Plants- in deserts, in hills, plains - Pg 3,4 & 5
	4	Marshy & Water plants- Pg 6 & 7
	5	Food for plants – Pg 7 & 8
	6	Text book exercise
	7	Note book work
		a. Stick and label one picture each of plants growing in different environment and mention its adaptive features
	8	Note book work (contd.)
	9	Worksheet
	10	Worksheet (contd.)
		Home Assignment - To grow bread mould
		Class Work - Observation of bread mould followed by group discussion.
	11	STEM ACTIVITY- Find out the adaptive features of a type of plant growing in a particular habitat.
May 19 pds	12	Ls-2 How Plants make food- Introduction- Pg 12
	13	How do plants make food – Pg 12 & 13
	14	Text book exercise
	15	Worksheet
	1	STEM ACTIVITY - Collage with leaf (Making shape of animals / birds / insects)
		OR Steps of photosynthesis
	2	Ls-3 Adaptations in animals- Introduction - Pg 16 & 17
	3	Animals living on land and water - Pg 17,18 & 19
	4	Animals living on both on land and water, Animals living on trees
	5	Animals that fly- Pg 19
	6	Adaptation for food - Pg 20 & 21
	7	Adaptation for protection - Pg 22 & 23
	8	Revision for Periodic Test I
	9	Revision with Model Paper
	10	Revision with Model Paper
	11	Revision for Periodic Test I
	12	Periodic Test I begins
	13	Text book exercise
	14	Written work in the note book
	15	STEM ACTIVITY - Students to match the pictures of animals with the mode of adaptations provided in the worksheet.
	16	Worksheet
	17	Worksheet (contd.)
	18	Ls- 4 Reproduction in animals - Introduction-Pg 27 & 28
	19	Animals that give birth to babies and animals that lay eggs
July 3pds	1	Life cycle of a Butterfly and other egg laying animals- Pg 29 & 30
	2	Exercise in the text book
	3	Written work in the note book
August 15pds	1	Worksheet
	2	STEM ACTIVITY - To observe the different parts of a raw egg and a boiled egg. Write two differences on the same
	3	Ls-5 Food - Introduction - Pg 34 & 35- Proteins to grow

	4	Carbohydrates for quick energy, Fats for energy and warmth & Vitamins and minerals for good health - Pg 35 & 36
	5	Study Tour
	6	Water is necessary for your body, Balanced diet - Pg 36 & 37
		Cooking Food , Preserving food - Pg 37 & 38
	7	Exercise in the text book
	8	Written work in the note book
	9	Worksheet
	10	STEM ACTIVITY - Analyse a days meal (if needed with pictures)
	11	Ls- 6 Digestion – Introduction - Pg 41 & 42
	12	Digestion in the stomach, digestion in the small intestine -Pg 42
	13	Undigested food , Good eating habits - Pg 43
	14	Exercise in the text book
	15	Written work in the note book
	1	Worksheet
Sept.	2	Worksheet
19 pds	3	STEM ACTIVITY To put the parts of the digestive system in the correct sequence.
	4	Revision
	5	Revision
	6	Model Paper
	7	Model Paper
	8	Revision
	9	Half Yearly Exam Begins
	10	Half Yearly Exam
	11	Ls-7 Teeth and Microbes- Pg 46 & 47
	12	Structure of a Tooth - Pg 47 & 48
	13	Structure of a Tooth - Pg 47 & 48 (contd.)
	14	Taking care of Teeth - Pg 48
	15	Microbes – Bacteria, Protozoa, Virus and Fungi
	16	Text Book
	17	Written work in the note book
	18	Worksheet
	19	STEM ACTIVITY - Structure of a good and bad teeth with plasticine
TERM II		
October		
17 pds	1	Ls 2- Our Clothes - Introduction using DS, Videos
	2	Clothes & What are clothes made of ?- Pg 8 & 9
	3	Clothes for work & Care of clothes
	4	Exercise in the Text Book
	5	Written work in the Note Book.
	6	Worksheet
	7	Science Day
	8	Science Day
	9	Ls 3- Air, Water and Weather - Introduction using DS and video clips
	10	Weather & What causes the wind to blow ?- Pg 13 & 14
	11	Land and Sea breeze - Pg14
	12	Evaporation - Pg 15
	13	Condensation - Pg 16
	14	What causes clouds and rain?- Pg 15
	15	Snow, Dew & Frost - Pg 16 & 17
	16	Activity on Condensation.
	17	Earth's Water - Pg 18
Nov. 16 pds	1	Written Work in the note book
	2	Worksheet

	3	STEM ACTIVITY - To match the given pictures with evaporation/condensation and colour red or blue accordingly.
	4	Ls-4 Our Universe- Introduction using DS- The Stars and the Sun
	5	The Planets
	6	The Earth , Rotation and Revolution - Pg 24 & 25
	7	Rotation & Revolution- continued
	8	Exercise in the text book
	9	Sports Day
	10	Sports Day
	11	Written work in the note book
	12	Worksheet
	13	STEM ACTIVITY- Activity on Constellation
	14	Ls-5 Matter-Introduction - Pg 29 & 30
	15	The States of Matter- Pg 30 & 31
	16	Change of state, Solution - Pg 31,32 & 33
Dec	1	Solution- Pg 32 & 33
3pds	2	Exercise in the Text book
	3	Written work in the note book
Jan	1	Worksheet
17pds	2	Revision
	3	Revision
	4	Revision
	5	Model Paper
	6	Model Paper
	7	Periodic Test begins
	8	Periodic Test
	9	Ls- 6 Force, Work and Energy - Introduction-Force, Kinds of forces Pgs 36 &37
	10	Kinds of forces (contd.)
	11	Work, Energy - Pg 38 & 39
	12	Sources of energy- Pg 39 & 40
	13	Types of energy
	14	Exercise in the text book
	15	Written work in the note book
	16	Worksheet
	17	STEM ACTIVITY- Simple Machines
Feb	1	Ls- 7 Our Environment - Introduction using DS and video clips
20 pds	2	How we damage our environment? Effects of air pollution
	3	Biodegradable and Non-biodegradable wastes
	5	Biodegradable and Non-biodegradable wastes (contd.)
	6	Exercises in the text book
	7	Written work in the note book
	8	Worksheet
	9	Ls-1. Safety and First Aid - Introduction using DS& Videos
	10	Safety at home - Pg 2 & 3
	11	Safety at school, Safety on the playground
	12	Safety on the road - Pg 4 & 5
	13	First Aid – Pg 5
	14	Text Book Exercise
	15	Worksheet
	16	STEM ACTIVITY - Activity on Road Safety Signs
	17	Revision for Annual exam
	18	Revision for Annual exam
	19	Revision for Annual exam
	20	Revision for Annual exam

March	1	Revision for Annual exam
9 pds	2	Revision for Annual exam
	3	Revision for Annual exam
	4	Revision for Annual exam
	5	Revision for Annual exam
	6	Revision for Annual exam
	7	Revision for Annual exam
	8	Revision for Annual exam
	9	Term Ends