Pakistan School System- Oman

Curriculum Coverage plan (2022-23)

Grade:P-II				Subejct:	Science		
Week	# of Working days	From--To	Chapter.1	Dates	Students' Learning Objectives	%	Review
#	5	April - 2022.			Students will be able to----		
1		3 to 7	Chapter No : 1. From cells to organisms	.April-3	explain cells are basic unit of life	5%	
Syllabus Breakup plan per allocation of Three Lessons per Week				.April-4	discuss about multicellular organisms		
				.April-5	know about Science tidbits		
				.April-6	memorise about the typical plant cell		
				.April-7	to know about a typical animal cell		
Week	# of Working days	From--To	Chapter.1	Dates	Students' Learning Objectives.students will be able to---	%	Review
#	5	April - 2022.					
2		10 to 14	Chapter No : 1. From cells to organisms	.April-10	summarise typical plant cell and to relate its parts with functions	8%	
Syllabus Breakup plan per allocation of Three Lessons per Week				.April-11	to know about a typical animal cell and its different parts		
				.April-12	typical animal cell and its different parts		
				.April-13	know about Science tidbits .		
				.April-14	make the differences between a typical plant and animal cell .		
Week	# of Working days	From--To	Chapter.1	Dates	Students' Learning Objectives.students will be able to---	%	Review
#	5	April - 2022.					
3		17 to 21	Chapter No : 1. From cells to organisms	.April- 17	identify a typical plant cell and animal cell	12%	
Syllabus Breakup plan per allocation of Three Lessons per Week				.April- 18	relate cell division with growth.		
				.April- 19	summarize the division of nucleus through which growth occurs and new cells are made		
				.April- 20	explain Try it out exercises.		
				.April- 21	describe different cells have different functions		
Week	# of Working days	From--To	Chapter.1	Dates	Students' Learning Objectives.students will be able to---	%	Review
#	5	April - 2022.					
4		24 to 28	Chapter No : 1. From cells to organisms	.April- 24	recognize that cells can make new cells by dividing	15%	
Syllabus Breakup plan per allocation of Three Lessons per Week				.April- 25	explain multi cellular organism cells of the same type are usually organized into		
				.April- 26	name different tissues.		
				.April- 27	understanding of animal and plant tissues		
				.April- 28	explain from tissues to organs and from organs to organs system		
Week	# of Working days	From--To	Chapter.1	Dates	Students' Learning Objectives.students will be able to---	%	Review
#	2	May - 2022.					
5		01 to 5	Chapter No : 1 From cells to organisms.	.May-1	explain the topic from system to organisms	16%	
Syllabus Breakup plan per allocation of Three Lessons per Week				.May-2	discuss Review questions.		
				.May-3			
				.May-4	Eidul Fitr- Holidays		
				.May-5			
Week	# of Working days	From--To	Chapter.3	Dates	Students' Learning Objectives.students will be able to---	%	Review
#	5	May - 2022.					
6		8 to 12	Chapter No : 3. Elements and Compounds	.May - 8	describe what is an Element?	18%	
Syllabus Breakup plan per allocation of Three Lessons per Week				.May - 9	explain about elements and its break down through electrolysis		
				.May - 10	discuss about Think about it		
				.May - 11	comapre the composition of earth crust and human body by mass		
				.May - 12	finding the names of some elements and their symbols		
Week	# of Working days	From--To	Chapter.3	Dates	Students' Learning Objectives.students will be able to---	%	Review
#	5	May - 2022.					
7		15 to 19	Chapter No : 3. Elements and Compounds	.May- 15	Assesment 1	20%	
Syllabus Breakup plan per allocation of Three Lessons per Week				.May- 16	solve try it out exercises.		
				.May- 17	use of elements and their appearance and physical states		
				.May- 18	identify their appearance and physical states		
				.May- 19	discuss Science tidbits,try it out exercises.		
Week	# of Working days	From--To	Chapter.3	Dates	Students' Learning Objectives.students will be able to---	%	Review
#	5	May - 2022.					
8		22 to 26	Chapter No : 3. Elements and Compounds	.May- 22	Identify the classification of elements as Metals and Non Metals	23%	
Syllabus Breakup plan per allocation of Three Lessons per Week				.May- 23	Classification of elements in Periodic Table		
				.May- 24	describe uses of Elements		
				.May- 25	explain about what is a compound?		
				.May- 26	describe different compounds and elements		
Week	# of Working days	From--To	Chapter.3	Dates	Students' Learning Objectives.students will be able to---	%	Review
#	5	May/ June - 2022					
9		29 to 2		.May-29	find properties of compound		

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Syllabus Breakup plan per allocation of Three Lessons per Week		Chapter No : 3 Elements and compounds.	.May-30	solve try it out exercises.	25%	
			.May-31	discuss compound and their behavior in different chemical reaction.		
			.June-1	explain review Questions		
			.June-2	explain review questions.		

Week	# of Working days	From--To	Chapter.4	Dates	Students' Learning Objectives.students will be able to---	%	Review
#	5	June - 2022.					
10		5 to 9		.June-5	explain what is a mixture?	27%	
Syllabus Breakup plan per allocation of Three Lessons per Week			Chapter No : 4. Mixtures	.June-6	recognise different mixtures.		
				.June-7	learn and explain definitions of mixture		
				.June-8	identify and explain the different minerals.		
				.June-9	discuss the pie chart.		

Summer Vacation

Week	# of Working days	From--To	Chapter.4	Dates	Students' Learning Objectives.students will be able to---	%	Review
#	3	August - 2022.					
11		2 to 4		.August-2	distinguish that substances can be divided into elements, compounds and mixtures	28%	
Syllabus Breakup plan per allocation of Three Lessons per Week			Chapter No : 4. Mixtures	.August-3	differentiate the elements in Greek history.		
				.August-4	explain different examples of mixtures.		

Week	# of Working days	From--To	Chapter.4	Dates	Students' Learning Objectives.students will be able to---	%	Review
#	4	August - 2022.					
12		7 to 11		.August-7	Ashoora Holiday		
Syllabus Breakup plan per allocation of Three Lessons per Week			Chapter No : 4. Mixtures	.August-8	identify different alloys	30%	
				.August-9	to recognize the minerals and alloy and they will also be able to explain how they are made?		
				.August-10	explain properties of mixture in contrast of air as an example.		
				.August-11	describe mixtures have fixed melting and boiling points		

Week	# of Working days	From--To	Chapter.4	Dates	Students' Learning Objectives.students will be able to---	%	Review
#	4	August - 2022.					
13		14 to 18		.August-14	Independence day - Holiday		
Syllabus Breakup plan per allocation of Three Lessons per Week			Chapter No : 4. Mixtures	.August-15	discuss mixtures have a range of melting and boiling points.	33%	
				.August-16	explain Separating Mixtures and discuss Filtration		
				.August-17	explain Evaporation		
				.August-18	discuss Distillation		

Week	# of Working days	From--To	Chapter.4	Dates	Students' Learning Objectives.students will be able to---	%	Review
#	5	August - 2022.					
14		21 to 25		.August-21	explain fractional Distillation	37%	
Syllabus Breakup plan per allocation of Three Lessons per Week			Mixtures	.August-22	recognize chromatography technique.		
				.August-23	explain paper chromatography.		
				.August-24	discuss review questions		
				.August-25	discuss review questions		

Week	# of Working days	From--To	Chapter.5	Dates	Students' Learning Objectivess. tudents will be able to---	%	Review
#	5	Aug/ Sep - 2022.					
15		28 to 1		.August-28	explain the uses of solvents	42%	
Syllabus Breakup plan per allocation of Three Lessons per Week			Solutions	.August-29	deccribe fcts about Solutes, solvents and solutions		
				.August-30	discuss solvent use in daily life		
				.August-31	explain think about it.		
				.Sept:1	explain try it out exercises.		

Week	# of Working days	From--To	Chapter.5	Dates	Students' Learning Objectives.students will be able to---	%	Review
#	5	Sept: - 2022.					
16		4 to 8		.Sept:-4	.Assesment 2	46%	
Syllabus Breakup plan per allocation of Three Lessons per Week			Solutions	.Sept:-5	explain about different types of solutions.		
				.Sept:-6	discuss saturated ,unsaturated and dilute solutions.		
				.Sept:-7	explain the facts about dead sea.		
				.Sept:-8	discuss Science Tid bitsand What does solubility depend on?		

Week	# of Working days	From--To	Chapter.5	Dates	Students' Learning Objectives.students will be able to---	%	Review
#	5	Sept: - 2022.					
17		11 to 15		Sept:- 11	relate solunitlity of gases with temperature.	50%	
Syllabus Breakup plan per allocation of Three Lessons per Week			Solutions	Sept:- 12	describe Acids and Alkalis		
				Sept:- 13	explain general properties of acids.		
				Sept:- 14	exlain general properties of alkalis.		
				Sept:- 15	solve worksheet related to topic.		

Week	# of Working days	From--To	Chapter.5	Dates	Students' Learning Objectives. students will be able to---	%	Review

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#	5	Sept: - 2022.					
18		18 to 22	Solutions	.Sept: 18	recognize about indicators with examples	55%	
Syllabus Breakup plan per allocation of Three Lessons per Week				.Sept: 19	discuss universal indicators.		
				.Sept: 20	explain p H meter.		
				.Sept: 21	discuss review questions.		
				.Sept: 22	discuss review questions.		

Week	# of Working days	From--To	Chapter.	Dates	Students' Learning Objectives.	%	Review
#	5	Sept: - 2022.					
19		25 to 29	Revision	.Sept: 25	Revision Chapter 1	60%	
Syllabus Breakup plan per allocation of Three Lessons per Week				.Sept: 26	Revision Chapter 1		
				.Sept: 27	Revision Chapter 3		
				.Sept: 28	Revision Chapter 3		
				.Sept: 29	Revision Chapter 3		

Week	# of Working days	From--To	Chapter	Dates	Students' Learning Objectives	%	Review
#	5	October-2022.					
20		2 to 6	Revision	.Oct: - 2	Revision Chapter 4	65%	
Syllabus Breakup plan per allocation of Three Lessons per Week				.Oct: - 3	Revision Chapter 4		
				.Oct: - 4	Revision Chapter 4		
				.Oct: - 5	Revision Chapter 5		
				.Oct: - 6	Revision Chapter 5		

Mid Term Examiantion from October 9, 2022

Week	# of Working days	From--To	Chapter.2	Dates	Students' Learning Objectives.Students will be able to ------	%	Review
#	5	Oct/ Nov- 2022.					
21		30 to 3	Chapter No : 2. Classifying plants and animals	.Oct:- 30	explain that there is a need to classify organism?	68%	
Syllabus Breakup plan per allocation of Three Lessons per Week				.Oct:- 31	discuss how to classify living organisms according to commonly observable		
				.Nov:- 1	evaluate how man is classified into taxonomic groups		
				.Nov:- 2	know common names and Scientific names of different organisms .		
				.Nov:- 3	to know the common names of different plants		

Week	# of Working days	From--To	Chapter.2	Dates	Students' Learning Objectives,tsudents will be able to ------	%	Review
#	5	Nov:- 2022.					
22		6 to 10	Chapter No : 2. Classifying plants and animals	.Nov- 6	memorise plants can be classified as vascular and non-vascular plants.	72%	
Syllabus Breakup plan per allocation of Three Lessons per Week				.Nov- 7	solve Think about it ,Try it out		
				.Nov- 8	explain about types of vascular plants without seeds (ferns) and with seeds (conifers).		
				.Nov- 9	solve MCQ worksheet related to topic.		
				.Nov- 10	able to know about Gymnosperms (Non-Flowering plants) Angiosperms (Flowering plants)		

Week	# of Working days	From--To	Chapter.2	Dates	Students' Learning Objectives,.Students will be able to ------	%	Review
#	5	Nov:- 2022.					
23		13 to 17	Chapter No : 2. Classifying plants and animals	.Nov: -13	recognize that how animals can be classified into vertebrates and invertebrates.	76%	
Syllabus Breakup plan per allocation of Three Lessons per Week				.Nov: -14	identify the invertebrates with jointed legs and without jointed legs.		
				.Nov: -15	identify thedifferent classes of arthropods.		
				.Nov: -16	recognize the invertebrates groups without jointed legs.		
				.Nov: -17	solve mcq worksheet related to topic.		

Week	# of Working days	From--To	Chapter.2	Dates	Students' Learning Objectives..Students will be able to ------	%	Review
#	5	Nov:- 2022.					
24		20 to 24	Chapter No : 2. Classifying plants and animals	.Nov:- 20	recognize the characteristics features of amphibians	80%	
Syllabus Breakup plan per allocation of Three Lessons per Week				.Nov:- 21	recognize the characteristics features of Reptiles. And birds.		
				.Nov:- 22	explain about fish characteristics.		
				.Nov:- 23	recognize different characteristics features of all classes		
				.Nov:- 24	draw a comparison table of five groups of vetebrates.		

Week	# of Working days	From--To	Chapter.2	Dates	Students' Learning Objectives..Students will be able to ------	%	Review
#	3	Nov / Dec:- 2022.					
25		27 to 1	Chapter No : 2. Classifying plants and animals	.Nov:- 27	Oman National Day- Holdays		
Syllabus Breakup plan per allocation of Three Lessons per Week				.Nov:- 28			
				.Nov:- 29	solve the think about it exercises.	82%	
				.Nov:- 30	discuss about the dichotomous key.		
				. Dec: -1	discuss about the review exercise.		

Week	# of Working days	From--To	Chapter.7	Dates	Students' Learning Objectives..Students will be able to ------	%	Review
#	5	Dec: - 2022.					
26		4 to 8	Chapter 7. Atoms, molecules and ions	.Dec:- 4	Assesment3	86%	
Syllabus Breakup plan per allocation of Three Lessons				.Dec:- 5	know about that atom is the smallest particle of an element which can exists		
				.Dec:- 6	learn that atom is made up of smaller particles electron, protons and neutrons.		

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Grade:P-II			Subejct:	Science		
per Week		molecules and ions	.Dec:- 7	explain that Quantum model of an atom and the development of the atomic model		
			.Dec:- 8	learn about atomic number the atomic mass of different elements in an atom.		
Week	# of Working days	From--To	Chapter.7	Dates	Students' Learning Objectives..Students will be able to ------	%	Review
#	5	Dec: - 2022.					
27		11 to 15		.Dec: - 11	explain atoms can be represented using different models or diagram.		
Syllabus Breakup plan per allocation of Three Lessons per Week			Chapter 7. Atoms, molecules and ions	.Dec: - 12	solve Science Tidbits and Key points	89%	
				.Dec: - 13	explain how molecules are formed		
				.Dec: - 14	discuss about molecules of elements and how are they formed?		
				.Dec: - 15	represent the chemical formulae of different compounds		
Week	# of Working days	From--To	Chapter.7	Dates	Students' Learning Objectives..Students will be able to ------	%	Review
#	5	Dec: - 2022.					
28		18 to 22		.Dec: -18	explain Chemical formulae of molecular elements and compounds.		
Syllabus Breakup plan per allocation of Three Lessons per Week			Chapter 7. Atoms, molecules and ions	.Dec: -19	identify the Chemical formulae of compounds.	92%	
				.Dec: -20	describe the number and types of atoms in chemcal formulae.		
				.Dec: -21	recognize What is an ion?		
				.Dec: -22	know about the different examples of ions.		
Winter Vacation from December 22 to January 5, 2023							
Week	# of Working days	From--To	Chapter.7	Dates	Students' Learning Objectives..Students will be able to ------	%	Review
#	5	January- 2023.					
29		8 to 12		.Jan:- 8	differentiate between Positive and negative ions		
Syllabus Breakup plan per allocation of Three Lessons per Week			Chapter 7. Atoms, molecules and ions	.Jan:- 9	explain about the formation of cation.	94%	
				.Jan:- 10	explain about the formation of anion.		
				.Jan:- 11	solve the try it out exercises.		
				.Jan:- 12	explain about arrangement of atoms in diamond and graphite.		
Week	# of Working days	From--To	Chapter.7	Dates	Students' Learning Objectives..Students will be able to ------	%	Review
#	5	January- 2023.					
30		15 to 19		.Jan:- 15	solve the worksheet related to tpic		
Syllabus Breakup plan per allocation of Three Lessons per Week			Chapter 7. Atoms, molecules and ions	.Jan:- 16	discuss about science tidbit and try it out exercises.	96%	
				.Jan:- 17	discuss about review questions.		
				.Jan:- 18	discuss about review questions.		
				.Jan:- 19	solve Review questions		
Week	# of Working days	From--To	Chapter.11	Dates	Students' Learning Objectives..Students will be able to ------	%	Review
#	5	January- 2023.					
31		15 to 19		.Jan:- 22	explain about force		
Syllabus Breakup plan per allocation of Three Lessons per Week			Forces and their effects.	.Jan:- 23	identify the pull force and push force.	100%	
				.Jan:- 24	identify the effects of forces in daily life.		
				.Jan:- 25	explain the try it out exercises.		
				.Jan:- 26	discuss Think about it , science tid bit.		
Completion of Main Contents of the Syllabus							
Week	# of Working days	From--To	Chapter.11	Dates	Students' Learning Objectives..Students will be able to ------	%	Review
#	5	Jan/ Feb- 2023.					
32		29 to 02		.Jan:- 29	Assesment 4.		
Syllabus Breakup plan per allocation of Three Lessons per Week			Forces and their effects.	.Jan:- 30	discuss Measuring force instruments.		
				.Jan:- 31	differentiate between extension and compression springbalance.		
				.Feb:- 1	define graavitational force and give examples in daily life		
				.Feb:- 2	define Forces acting in same and opposite directions.		
Week	# of Working days	From--To	Chapter.11	Dates	Students' Learning Objectives..Students will be able to ------	%	Review
#	5	February- 2023.					
33		5 to 9		.Feb:- 5	To recognize Upthrust and density		
Syllabus Breakup plan per allocation of Three Lessons per Week			Forces and their effects.	.Feb:- 6	explain the Archiemeded principle.		
				.Feb:- 7	demonstrate the Archimedes principle .		
				.Feb:- 8	discuss the density formula and its Siunit.		
				.Feb:- 9	Solve the questions related to density and explain density table.		
Week	# of Working days	From--To	Chapter.11	Dates	Students' Learning Objectives..Students will be able to ------	%	Review
#	5	February- 2023.					
34		12 to 16		.Feb:- 12	explain about Floating and sinking		
Syllabus Breakup plan per allocation of Three Lessons per Week			Forces and their effects.	.Feb:- 13	describe about frictional force		
				.Feb:- 14	recognize the advantages of frictional force.		
				.Feb:- 15	describe disadvantages of friction force.		
				.Feb:- 16	solve Review questions.		
Week	# of Working days	From--To	Revision	Dates	Students' Learning Objectives..Students will be able to ------	%	Review
#	3	February- 2023.					
35		19 to 23		.Feb:- 19	Revise Chapter .2		

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Grade:P-II		Subejct:	Science		
Syllabus Breakup plan per allocation of Three Lessons per Week	Revision	.Feb:- 20	Revise Chapter .2		
		.Feb:- 21	Revise Chapter.7		
		.Feb:- 22	Revise Chapter .7		
		.Feb:- 23	Revision worksheet		

Week	# of Working days	From--To	Revision	Dates	Students' Learning Objectives..Students will be able to ------	%	Review
#	4	Feb/ Mar: - 2023.					
36		26 to 2		.Feb:- 26	Revise Chapter 7		
Syllabus Breakup plan per allocation of Three Lessons per Week			Revision	.Feb:- 27	Revise Chapter.11		
				.Feb:- 28	Revise Chapter .11		
				.March:- 1	Revision worksheet.		

Annual Examination from March 2, 2023