

Pakistan School System- Oman
Syllabus / SLOs Coverage plan (2022-23)

Grade:	IX			Subject:	Physics		
Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		April - 2022.					
1	5	3 to 7	Physical Quantities	.April-3	Introduction to Physics	4%	
		.April-4		Physical quantities			
		.April-5		International system of units			
		.April-6		Prefixes (multiples and sub multiples)			
		.April-7		Standard form / scientific notation			
Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		April - 2022.			Measuring instruments		
2	5	10 to 14	Physical Quantities	.April-10	1. meter rule	9%	
		.April-11		2. Vernier callipers			
		.April-12		3. screw gauge			
		.April-13		4. physical balance			
		.April-14		5. stopwatch			
Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		April - 2022.					
3	5	17 to 21	Physical Quantities	.April- 17	6. measuring cylinder	13%	
		.April- 18		An introduction to significant figures			
		.April- 19		Exercises			
		.April- 20		Exercises			
		.April- 21		Exercises			

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		April - 2022.					

	4	5	24 to 28	Kinematics	.April- 24	Rest and motion	18%		
					.April- 25	Type of motion (Translatory, rotatory, vibratory)			
					.April- 26	Terms associated with motion			
					.April- 27	Position			
					.April- 28	Distance and displacement			

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		May - 2022.					
5	2	01 to 5	Kinematics	.May-1	Speed and velocity	22%	
				.May-2	Acceleration		
				.May-3	Eidul Fitr- Holidays		
				.May-4			
				.May-5			

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		May - 2022.					
6	5	8 to 12	Kinematics	.May - 8	Scalars and Vectors	25%	
				.May - 9	Graphical analysis of Motion;		
				.May - 10	Distance-time graphs		
				.May - 11	Speed-time graphs		
				.May - 12	Equations of Motion		

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		May - 2022.					
7	5	15 to 19	Kinematics	.May- 15	S = vt	30%	
				.May- 16	vf = vi + at		
				.May- 17	S = vit + ½ at2		

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		August - 2022.					
11	3	2 to 4	Turning Effect of Forces	.August-2	Forces in bodies	41%	
				.August-3	Addition of forces		
				.August-4	Resolution of forces		
Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		August - 2022.					
12	4	7 to 11	Turning Effect of Forces	.August-7	Ashoora -Holiday		
				.August-8	Moment of a force	44%	
				.August-9	Principle of moments		
				.August-10	Centre of mass		
				.August-11	Couple		

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		August - 2022.					
13	4	14 to 18	Turning Effect of Forces	.August-14	Independence day - Holiday		
		.August-15		Equilibrium	45%		
		.August-16		Stability			
		.August-17		Examples related to the above topics			
		.August-18		Examples related to the above topics			
Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		August - 2022.					
14	5	21 to 25	Gravitation	.August-21	Law of gravitation	48%	
		.August-22		Measurement of mass of earth			
		.August-23		Numerical based on mass of earth			
		.August-24		Numerical based on mass of earth			
		.August-25		Variation of 'g' with altitude			
Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		Aug/ Sep - 2022.					
15	5	28 to 1	Gravitation	.August-28	Gravitational field	50%	
		.August-29		Artificial satellites			
		.August-30		Motion of artificial satellites			
		.August-31		Exercises			
		.Sept:1		Exercises			

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		Sept: - 2022.					
16	5	4 to 8	Work and Energy	.Sept:-4	Work	53%	
		.Sept:-5		Energy forms			
		.Sept:-6		Derivation of kinetic and potential energy			
		.Sept:-7		Numerical based on kinetic and potential energy			
		.Sept:-8		Numerical based on kinetic and potential energy			
Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		Sept: - 2022.					
17	5	11 to 15	Work and Energy	Sept:- 11	Major sources of energy	55%	
		Sept:- 12		Efficiency			
		Sept:- 13		Numerials based on efficiency			
		Sept:- 14		Power			
		Sept:- 15		Derivation of power			
Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		Sept: - 2022.					
18	5	18 to 22	Work and Energy	.Sept: 18	Numerical based on power	58%	
		.Sept: 19		Exercises			
		.Sept: 20		Exercises			
		.Sept: 21		Exercises			
		.Sept: 22		Exercises			

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		Sept: - 2022.					
19	5	25 to 29	Properties of Matter	.Sept: 25	Kinetic molecular model of matter	62%	
		.Sept: 26		Density			
		.Sept: 27		Pressure			
		.Sept: 28		Atmospheric pressure			
		.Sept: 29		Pressure in liquids			

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		October-2022.					
20	5	2 to 6	Properties of Matter	.Oct: - 2	Up thrust	68%	
		.Oct: - 3		Principle of floatation			
		.Oct: - 4		Examples based on above topics			
		.Oct: - 5		Examples based on above topics			
		.Oct: - 6		Elasticity			

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		October-2022.					
21	5	9 to 13	Properties of Matter	.Oct: - 9	Stress, strain and Young’s modulus	72%	
		.Oct: - 10		Examples based on above topics			
		.Oct: - 11		Exercises			
		.Oct: - 12		Exercises			
		.Oct: - 13		Exercises			

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		October-2022.					
22	5	16 to 20	Thermal Properties of Matter	.Oct: - 16	Introduction to Thermal Properties of Matter	75%	
		.Oct: - 17		Temperature and heat			
		.Oct: - 18		Thermometer			
		.Oct: - 19		Examples based on above topics			
		.Oct: - 20		Examples based on above topics			

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		October-2022.					
23	5	23 to 27	Thermal Properties of Matter	.Oct: - 23	Specific heat capacity	78%	
		.Oct: - 24		Latent heat of fusion			
		.Oct: - 25		Examples based on above topics			
		.Oct: - 26		Examples based on above topics			
		.Oct: - 27		Latent heat of vaporization			

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		Oct/ Nov-2022.					
24	5	30 to 3	Thermal Properties of Matter	.Oct:- 30	Evaporation	80%	
		.Oct:- 31		Thermal Expansion			
		.Nov:- 1		Exercises			
		.Nov:- 2		Exercises			
		.Nov:- 3		Exercises			

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		Nov:- 2022.					
25	5	6 to 10	Transfer of Heat	.Nov- 6	Introduction to the three processes of heat transfer	82%	
		.Nov- 7		Conduction			
		.Nov- 8		Convection			
		.Nov- 9		Radiation			
		.Nov- 10		Thermal conductivity			
Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		Nov:- 2022.					
26	5	13 to 17	Transfer of Heat	.Nov: -13	Consequences and applications of conduction	84%	
		.Nov: -14		Consequences and applications of convection			
		.Nov: -15		Consequences and applications of radiation			
		.Nov: -16		Greenhouse effect			
		.Nov: -17		Leslie's cube			
Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		Nov:- 2022.					
27	5	20 to 24	Transfer of Heat	.Nov:- 20	Examples based on the above topics	85%	
		.Nov:- 21		Examples based on the above topics			
		.Nov:- 22		Exercises			
		.Nov:- 23		Exercises			
		.Nov:- 24		Exercises			

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		Nov / Dec:- 2022.					
28	Nil	27 to 1		.Nov:- 27	Oman National Day- Holidays		
				.Nov:- 28			
Sendup Examination - From November 29, 2022 to December 15, 2022							
Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		Dec: - 2022.					
29	5	18 to 22	Physical quantities, Kinematics, Dynamics	.Dec: -18	Model papers	88%	
				.Dec: -19	Model papers		
				.Dec: -20	Model papers		
				.Dec: -21	Model papers		
				.Dec: -22	Model papers		
				Winter Vacation from December 22 to January 5, 2023			
Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		January- 2023.					
30	5	8 to 12	Moments, Gravitation, Energy	.Jan:- 8	Model papers	94%	
				.Jan:- 9	Model papers		
				.Jan:- 10	Model papers		
				.Jan:- 11	Model papers		
				.Jan:- 12	Model papers		

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		Feb/ Mar: - 2023.					
37	5	26 to 2		.Feb:- 26	Revision / Test Series		
		.Feb:- 27		Revision / Test Series			
		.Feb:- 28		Revision / Test Series			
		.March:- 1		Revision / Test Series			
		.March:- 2		Revision / Test Series			

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		March: - 2023.					
38	5	5 to 9		.March: - 5	Revision / Test Series		
		.March: - 6		Revision / Test Series			
		.March: - 7		Revision / Test Series			
		.March: - 8		Revision / Test Series			
		.March: - 9		Revision / Test Series			

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		March: - 2023.					
39	5	12 to 16		.March: - 12	Revision / Test Series		
				.March: - 13	Revision / Test Series		
				.March: - 14	Revision / Test Series		
				.March: - 15	Revision / Test Series		
				.March: - 16	Revision / Test Series		

Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		March: - 2023.					
40	4	19 to 23		.March: - 19	Revision / Test Series		
		.March: - 20		Revision / Test Series			
		.March: - 21		Revision / Test Series			
		.March: - 22		Revision / Test Series			
		.March: - 23		Pakistan Day- Holiday			
Week	# of Working days	From--T0	Chapter	Date	Topics	%	Review
#		March: - 2023.					
41	5	26 to 30	Properties and thermal properties of matter, transfer of heat	.March: - 26	Revision		
		.March: - 27		Revision			
		.March: - 28		Revision			
		.March: - 29		Revision			
		.March: - 30		Revision			
Pre- Board- IX- X - April-2023							