

O. P. JINDAL SCHOOL, SAVITRINAGAR, TAMNAR

Annual Syllabus Break-up for the session 2024-2025

Subject -Science Class -VIII

Sl.	Month	No. of Instructional days	No. of periods	Chapters to be taught	Subject enrichment activities	Values to be imparted	Extra content to be taught
1.	April	23	8+8	Ch-1 Crop production and management. Ch-8 Force and pressure	<p>a. Preparation of soil b. Sowing seeds c. Storing food</p> <p>a. To show liquid pressure depends on depth b. Pressure increases on decreasing area c. Atmospheric pressure</p>	<p>Students will be able to identify different types of crops , understand the preparation of soil for a suitable crop.</p> <p>Students will be able to apply acquired knowledge in practical life.</p>	<p>Type of food obtained from animals, different types of irrigation.</p> <p>Gravitational force, Acceleration due to gravity</p>
2.	June	9	7	Ch-4 Combustion and flame	<p>a. Ignition temperature b. Combustible and non combustible substances c. Different zones of a candle flame</p>	<p>Identification of a good fuel</p>	<p>Fire extinguishers</p>

3.	July	26	20	<p>Ch2. Microorganisms: Friend and Foe</p> <p>Ch-9 Friction</p>	<p>a. Growth of fungi b. Seeing microorganisms under a microscope</p> <p>a. Usefulness of friction b. Reducing friction</p>	<p>Usefulness of microorganisms</p> <p>Friction is a necessary evil</p>	<p>Study about microscope</p> <p>Limiting friction</p>
4.	August	23	20	<p>Ch-3 Coal and petroleum</p> <p>Ch- 5 Conservation of plants and animals</p>	<p>a. PPT on formation of coal b. How petroleum is obtained</p>	<p>Proper utilization of fossil fuels</p> <p>Conservation of natural resources</p>	<p>Destructive distillation</p> <p>Wild life sanctuaries</p>
5.	September	10		Revision for halfyearly examination			

6.	October	17	15	Ch- 10 Sound	a. Types of waves b. Reflection of sound	Sound needs a material medium to travel, How do we hear	Wave nature
				Ch-6 Reproduction in animals	a. Male and female reproductive organs	Understand the process of life cycle, reproduction	Anatomy of testes and ovary
7.	November	19	10	Ch-7 Reaching the age of adolescence	a. Menstrual cycle	Menstruation, Reproductive health, Controlling emotions	PPT on adolescent period
8.	December	13	10	Ch- 11 Chemical effects of electric current	a. Electrolysis of water b. Electroplating	Need of electroplating	Worksheet

9.	January	25	20	Ch- 13 Light Ch-12 Some natural phenomena	<p>a. Laws of reflection b. Image formed by convex lens c. Making of kaleidoscope</p> <p>a. Group discussion on natural disasters b. Things to be done during an earthquake</p>	<p>Taking care of eyes, Importance of eyes</p> <p>Save our Earth</p>	<p>Lens formula</p> <p>Types of natural disasters</p>
10.	February	7		Revision for annual examination			

Syllabus for Examination

Sl No.	Examination	Month	Max. Marks	Max. Time	Syllabus for examination
1.	Periodic Test 1	July	20	1 hr	Ch 1, 8
	Periodic Test 1	August	20	1 hr	Ch . 2,4
	Halfyearly Exam	September	80	3 hr	Ch . 1,2,3,4,5,8,9
2.	Periodic Test 3	November	20	1 hr	Ch 10, 6
	Periodic Test 3	January	20	1 hr	Ch . 7, 11
	Annual Exam	February	80	3 hr	Ch 6,7,10,11,12,13