

O. P. JINDAL SCHOOL, SAVITRINAGAR, TAMNAR

Annual Syllabus Break-up for the session 2023-2024

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	21	8+8	Ch-1 Crop production and management. Ch-8 Force and pressure	a. Preparation of soil b. Sowing seeds c. Storing food a. To show liquid pressure depends on depth b. Pressure increases on decreasing area c. Atmospheric pressure	Students will be able to identify different types of crops , understand the preparation of soil for a suitable crop. Students will be able to apply acquired knowledge in practical life.	Type of food obtained from animals, different types of irrigation. Gravitational force, Acceleration due to gravity
2.	June	11	9	Ch-4 Combustion and flame	a. Ignition temperature b. Combustible and non combustible substances c. Different zones of a candle flame	Identification of a good fuel	Fire extinguishers

3.	July	23	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	12		Revision for halfyearly examination			

6.	October	20	18	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	13	10	Ch-7 Reaching the age of adolescence	a. Menstrual cycle	Menstruation, Reproductive health, Controlling emotions	PPT on adolescent period
8.	December	19	16	Ch- 11 Chemical effects of electric current	a. Electrolysis of water b. Electroplating	Need of electroplating	Worksheet

9.	January	22	20	Ch- 13 Light Ch-12 Some natural phenomena	a. Laws of reflection b. Image formed by convex lens c. Making of kaleidoscope a. Group discussion on natural disasters b. Things to be done during an earthquake	Taking care of eyes, Importance of eyes Save our Earth	Lens formula Types of natural disasters
10.	February	15		Revision for annual examination			

Syllabus for Examination

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