

**O. P. JINDAL SCHOOL, SAVITRINAGAR, TAMNAR**

**Annual Syllabus Break-up for the session 2023-2024**

**Subject -- Science Class - VII**

<b>Sl. No.</b>	<b>Month</b>	<b>No. of I.D.</b>	<b>No. of periods</b>	<b>Chapters to be taught</b>	<b>Subject enrichment activities</b>	<b>Values to be imparted</b>	<b>Extra content to be taught</b>
1	APRIL	21	9+9	Ch 1, Nutrition n plants  Ch 2, Nutrition in animal	a. Fungi grow on bread b. Leaves of different colours c. Group discussion on all the themes  a. Chart drawing b. Presentation (group) c. A/V class	Symbiosis  Take care of teeth	Green house  Insulin & diabetes
2	JUNE	11	8	Ch 3, Heat	a. Different types of thermometer b. Conduction of heat c. Convection of heat	Use of thermometer	Using sunglasses protect our eyes

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3	JULY	23	10+9	Ch 9, Motion and time	a. Show different types of motion by different things b. How speed depends on distance and time	Value of time & punctuality	Applying of brakes in vehicles
				Ch 10, Electric current and its effects	a. Electric circuit b. Showing parts of torch c. Model of railway signal (group)	How to protect ourselves from electric shock.	MCB
4	AUGUST	23	9+10	Ch 4, Acids, bases and salts	a. Effect of indicators b. Neutralisation reaction c. A/V class	Baking soda reduces insect bite pain	Turmeric as a medicine
				Ch 6, Respiration in organisms	a. Breathing rate b. Effect of exhaled air in lime water c. Model of lungs (group)	Breathing exercises keep us fit & healthy	Oxyhaemoglobin, Ethyl alcohol
	SEPTEMBER	12		<b>Revision &amp; Term 1</b>			

Sl No.	Examination	Month	Max. Marks	Max. Time	Syllabus For examination
1	TEST 1	JULY	20	1 HR	CH 1,2
2	TERM 1	SEPTEMBER	80	3 HRS	CH 1, 2, 3, 4, 6, 9, 10

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6	OCTOBER	20	8+9	Ch 5, Physical & chemical changes  Ch 7 Transportation in animals and plants	a. Rusting of iron b. Lime water to milky c. Different physical changes  a. Model of human circulatory system (group) b. Model of stethoscope c. Model of human excretory system	How to protect daily-use iron things from rusting  Eating healthy food keep our organ systems healthy	Chemical changes are irreversible.  CPR
7	NOVEMBER	13	10	Ch8, Reproduction in plants	a. A/V b. Show different Vegetative parts by which plants reproduce c. Show different Parts of flowers (group)	Take care of new plants	Germination

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8	DECEMBER	19	13	Ch 11, Light	a. A/V class b. Show different types of mirrors & lenses c. Image formed by mirrors & lenses (group)	Light produces the sense of vision	Light bends when passes through water.
9	JANUARY	22	10+9	Ch 12, Forests,our lifeline  Ch13, Waste water story	a. Presentation (group) b. Role-play on protecting forests  a. A/V class b. Group discussion, how to keep water clean c. Project on Swachh Bharat	Forest is a dynamic living entity  Maintaining sanitation keep us disease free	Amazon forest  How <b>Denmark</b> stands at the highest maintaining cleanliness.
10	FEBRUARY	15		<b>Revision &amp; Term 2</b>			

Sl No.	Examination	Month	Max. Marks	Max. Time	Syllabus For examination
1	TEST 2	NOVEMBER	20	1 HR	CH 5, 7
2	TERM 2	FEBRUARY	80	3 HRS	CH 5, 7, 8, 11, 12, 13