

O. P. JINDAL SCHOOL, SAVITRINAGAR, TAMNAR  
Annual Syllabus Break-up for the session 2026-2027  
Subject -Science Class –VII

<b>S N</b>	<b>Mon th</b>	<b>No. of Instruc tional Days</b>	<b>No. of perio ds</b>	<b>Chapters to be taught</b>	<b>Subject enrichment activities</b>	<b>Values to be imparted</b>
1	April	24		Ch-1 The ever –Evolving World of Science Ch- 2 Exploring substances: Acidic, Basic, and Neutral	a. Exploring science everywhere.  a. Experiments to differentiate acid, base and salt.	Students will be able to explore new things using scientific methods.  Students will be able to apply acquired knowledge in practical life.
2	June	13		Ch-3 Electricity: Circuits and their components	a. Making of electric circuit b. Conductors and insulators	Application of electricity in real life.
3	July	26		Ch-4 The world of metals and non metals	a. Study the properties of metals and non metals.	Understand the importance of metals and non metals in real

				Ch-5 Changes around us: Physical and Chemical	a. Difference between physical and chemical changes	life and their proper use and conservation.  Know different changes occur around us.
4	August	22		Ch-6 Adolescence: A Stage of growth and changes Ch- 7 Heat transfer in nature	a. PPT on changes occur during adolescence and their importance  a. Different mode of heat transfer and their application	Understand adolescence is a natural and important phase of life and with right habits and proper guidance it can be managed in a healthy and positive way.  Understand how heat transfers in different ways.
5	September	10		Revision for halfyearly examination		
6	October	19		Ch- 8 Measurement of time and motion Ch-9 Life processes in animals	a. Measuring time b. Measuring speed  a. Different processes	Understand the importance of measuring time and different

					take place in animals	types of motion.  Understand how life processes are essential for survival And how maintaining good habits help to keep our body healthy and active.
7	November	15		Ch-10 Life processes in plants	a. Different processes take place in plants	Understand that plants are essential for life on earth and we must protect and care for them.
8	December	17		Ch-11 Light: Shadow and Reflection	a.Laws of reflection b. Formation of shadow c. Making of pin hole camera and kaleidoscope	Understand how light behaves and how shadow and reflections are formed. Which are very useful in our daily life.

9	January	23		Ch- 12 and Revision for Annual Exam.	a. Project on relationship between earth, moon and sun b. Solar eclipse and lunar eclipse	Understand how the movements of earth and moon affect our daily life.
10	February	06		Revision for annual examination		

#### Syllabus for Examination

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

