

# O. P. JINDAL SCHOOL, SAVITRINAGAR, TAMNAR

## Annual Syllabus Break-up for the session 2024-2025

**Subject – Science**  
**Class -IV**

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	<b>April</b>	23	10+9	Ch-1 Food  Ch-2 The teeth	a) Story telling about food b) Nutritional value chart  a) Demonstration of brushing teeth. b) Daily routine to take care of teeth.	Differentiation between Healthy and unhealthy Food.  Importance of Cleanlines.	Connection of the soil with the bones.  How acid eat away teeth?
2	<b>June</b>	9	7	Ch-3 The digestive system	a) Many uses of saliva. b) Diagram of digestive system.	Different kinds of organs in animals.	Preparation of model for digestive system.
3	<b>July</b>	26	12+11	Ch-4 The excretory system  Ch-5 Adaptation in animals	a) Diagram of excretory system. b) Bio lab visit.  a) Picture showing of	Why excretion is important?  Importance of	Urination in mammals.  Discussion about the

					migratory birds. b) Camouflage	adaptation	adaptation in giraffes.
4	<b>August</b>	23	10+9	Ch-6 Plants (Non evolutionary)  Ch-7 Adaptation in plants	a) Water holding capacity of soil. b) Water transportation.  a) Diagram of some special plant. b) Garden visit.	Plants are also living thing.  Need of water and air and light for plants.	Test of protein and starch.  National flowers of different countries
5	<b>September</b>	10	10	<b>Revision and Half yearly</b>			
6	<b>October</b>	17	7+8	Ch-8 Air  Ch-9 Mixtures and solutions.	a) Diagram of water and nitrogen cycle b) Paper phirki  a) Sedimentation and decantation. b) Chemistry lab visit	Importance of air for plants.  Students will understand the importance of different types of mixtures	Cloud seeding  Preparation of lemonade.
7	<b>November</b>	19	11+9	Ch-10 Light	a) sources of light. b) How shadow form.	Students will understand the important features of light.	See the rainbow colours through glass.
8	<b>December</b>	13	9	Ch-11 Measurement	a) Formation of rainbow b) Uses of electricity.  a) Showing of different tools of	Students will be able to understand shortage of electricity.	Discussions about fire fly.  Demonstration of clinical

					measurements. b) Making of balance.	Importance of different units of measurements.	thermometer
9	<b>January</b>	25	10 + 11	Ch-12 Force  Ch-13 Friction	a) Group discussion about gravity. b) Showing of different type of magnet.  a) Demonstration of friction. b) How early men were using the properties of friction.	Reason of Earth's rotation.  What is the importance of friction?	Discussion about Isaac Newton.  Charging objects through friction.
10	<b>February</b>			<b>Revision and Annual exam</b>			

#### PORTION FOR EXAMINATIONS

S.No.	Examination	Month	Max.Marks	Portion
1	Periodic Test- 1	April	20	Ch-1,2
2	Periodic Test- 1	July	20	Ch- 3,4
3	Half-Yearly	September	80	Ch-1,2,3,4,5,7
4	Periodic Test-3	November	20	Ch- 8,9
5	Periodic Test -3	January	20	Ch- 10,11
6	Annual Exam	February	80	Ch- 8,9,10,11,12,13