

# O. P. JINDAL SCHOOL, SAVITRINAGAR, TAMNAR

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

### 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	April	21	21	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 Cleanliness.	Connection of the soil with the bones.  How acid eat away teeth?
2	June	11	11	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	July	23	23	Ch-4 The excretory system  Ch-5 Adaptation in animals	a) Diagram of excretory system. b) Bio lab visit.  a) Picture showing of migratory birds. b) Camouflage	Why excretion is important?  Importance of adaptation	Urination in mammals.  Discussion about the adaptation in giraffes.

4	<b>August</b>	23	23	Ch-5 Adaptation in animals  Ch-6 Plants	a) Picture showing of migratory birds. b) Camouflage  a) Water holding capacity of soil. b) Water transportation in plants with the help of carnation plant.	Importance of adaptation.  Plants are also living thing.	Discussion about the adaptation in giraffes.  Test of protein and starch.
5	<b>September</b>	12	12	<b>Revision and Half yearly</b>			
6	<b>October</b>	20	20	Ch-7 Adaptation in plants (Non evaluating)  Ch-8 Air	a) Diagram of some special root. b) Garden visit c) Project and presentations  a) Diagram of water and nitrogen cycle b) Paper phirki	Need of water and air and light for plants.  Importance of air for plants.	National flowers of different countries.  Cloud seeding
7	<b>November</b>	13	13	Ch-9 Mixtures and solutions	a) Sedimentation and decantation. b) Chemistry lab visit.	Students will understand the importance of different types of mixtures.	Preparation of lemonade.
8	<b>December</b>	19	19	Ch-10 Light  Ch-11 Measurement	a) Formation of rainbow b) Uses of electricity.  a) Showing of different tools of measurements. b) Making of balance.	Students will be able to understand shortage of electricity. Importance of different units of measurements.	Discussion about fire fly.  Demonstration of clinical thermometer
9	<b>January</b>	22	22	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>	15		<b>Revision and Annual exam</b>			

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**PORTION FOR EXAMINATIONS-**

S.N O.	EXAMINATION	MONTHS	TIME DURATION	PORTION
1	Test-1	July	1 Hour	Ch-1,2
2	Term-1	September	2 Hours	Ch-1,2,3,4,5,6
3	Test-2	November	1 Hour	Ch-8,9
4	Term-2	February	2 Hours	Ch-8,9,10,11,12,13