

## Class VIII

### SYLLABUS OVERVIEW SUBJECT: SCIENCE-A

Teacher: Miss LM

Chapter No.	Name of the Chapter	Marks
<b>PT-I</b>		
1	Crop Production and Management	20
2	Microorganisms: Friend and Foe	20
Total		40
<b>HALF YEARLY</b>		
2	Microorganisms: Friend and Foe	10
3	Coal and Petroleum	15
4	Combustion and flame	15
Total		40
<b>PT-II</b>		
5	Conservation of Plants and Animals	20
6	Reproduction in Animals	20
Total		40
<b>YEARLY</b>		
5	Conservation of Plants and Animals	10
6	Reproduction in Animals	10
7	Reaching the Age of Adolescence	20
Total		40

Month	No. of Days	No. of Periods	Lesson/Unit	Activities/Projects/Practical experiment to be held/Specific Assessment Tools(s)
April-May	17	12	1.Crop production and Management	-Germination of seeds under different conditions -Model making of agricultural tools (plough, hoe, sickle, seed drill)
June-July	20	12	2.Microorganism s: Friend and Foe	-Making a picture chart of useful microbes and its usage -Making a model of nitrogen cycle
August-September	21	12	4.Combustion and Flame	-To prove that air is necessary for combustion to take place
October-November	20	12	5.Conservation of plants and animals	-Soil erosion and roots experiment -Poster on Endangered animals & plants in India

Nov-Dec	20	12	<b>6. Reproduction in Animals</b>	<ul style="list-style-type: none"> <li>- Observation of Life CycleLife cycle of a frog, butterfly, or hen.</li> <li>- Asexual Reproduction in Hydra / AmoebaMicroscopic Observation.</li> </ul>
Jan-Feb	20	12	<b>7. Reaching the Age of Adolescence</b>	<ul style="list-style-type: none"> <li>-Puberty Changes – Role Play / Skit</li> <li>-Menstrual Hygiene Awareness Poster</li> <li>-Debate or Group Discussion:</li> </ul> <p>"Should sex education be part of the school curriculum?"</p> <p>"Is physical activity important during adolescence?"</p>

**SYLLABUS OVERVIEW**  
**SUBJECT: SCIENCE-B**

Teacher: Sir LS

Chapter No.	Name of the Chapter	Marks
<b>PT-I</b>		
8	Force and pressure	20
9	Friction	20
<b>Total</b>		<b>40</b>
<b>HALF YEARLY</b>		
15	Force and pressure	15
10	Friction	10
15	Sound	15
<b>Total</b>		<b>40</b>
<b>PT-II</b>		
11	Chemical Effects of Electric Current	20
12	Some Natural Phenomena	20
<b>Total</b>		<b>40</b>
<b>YEARLY</b>		
11	Chemical Effects of Electric Current	15
12	Chapter 12-Some Natural Phenomena	10
6	Chapter 13- Light	15
<b>Total</b>		<b>40</b>

Month	No. of Days	No. of Periods	Lesson/Unit	Activities/Projects/Practical experiment to be held/Specific Assessment Tools(s)
April-May	17	12	1. Force and Pressure	- - "Rocket balloon" - Newton's Third law in action. To study the effects of force and pressure.
May-June	20	12	2. Friction	- To visit a shop that sells sports shoe. Observe the soles of different shoes and write a brief report.
July-August	20	12	3. Sound	- Prepare a list of famous Indian musicians and the instruments they play. - Identify the sources of noise pollution in the locality. Discuss and present a brief report on how to control noise pollution.
October-November	20	12	4. Chemical Effects of Electric current	- Find out the health concerns associated with chromium electroplating. How are people trying to resolve them? - Test the conduction of electricity through various fruits and vegetables. Display your results in tabular form.
Nov-Dec	20	12	5. Some Natural Phenomena	- Take an outline map of the world and locate the eastern coast and Andaman and Nicobar Islands.
Jan-Feb	20	12	6. Light	- To make your own mirror using a glass slab.