

MAITRI VIDYA NIKETAN EMSSS, RISALI, BHILAI**SESSION 2023 - 2024****YEARLY PLAN FOR CLASS – VIII****SUBJECT – GENERAL SCIENCE**

Sl. No.	Month	Ch. No.	Topic	Activity	Project	Exam	
1	April	1	Crop Production & Management	1. Sow some seeds in the soil and arrange to water them by drop wise. Observe daily and answer for the following questions: (i) Do you think it can save water? (ii) Note the changes in the seed. 2. Collect different types of seeds (2 each from cereals, pulses, vegetables, fruits, oil seeds) and pack them in small sachets. Label them. 3. Draw and colour Nitrogen Cycle in ¼ size Chart Paper.	1. File preparation – Prepare a write up on Agricultural Practices (Modern Techniques) of Chhattisgarh state (Paste pictures also). 2. Power Point Presentation on Microorganisms.		
2	June	3	Coal & Petroleum	1. Group Discussion			
3	July	4	Combustion & Flame	1. Group Discussion on “Fire & Fire Extinguishers”		Pre-Mid Term (21.07.23 to 28.07.23) Syllabus: Chapters: 1,2,3	
		5	Conservation of Plants & Animals	2. Seminar			
4	August	6	Reproduction in Animals	1. Quiz on Reproduction & Adolescence	1. Write a paragraph on Cloning.		
		7	Reaching the Age of Adolescence				
5	September		MID-TERM EXAMINATION (16.09.23 to 30.09.23)				Syllabus: Chapters: 1 to 7
6	October	8	Force & Pressure				

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7	November	9 10	Friction Sound	1. GD on Friction is a necessary evil. 2. To show that How sound is produced?	1. Sketch prepared on 'Structure of Human Ear' in ¼ th hart paper.		
8	December	11 12	Chemical Effects of Electric Current Some Natural Phenomena	1. To find out the given material is a Conductor or non-conductor. 2. Construct a model of Electroscope to demonstrate the presence of charge on the given object. (Aluminium foil is used)			
9	January	13	Light	1. Dispersion of sunlight by a prism 2. Quiz on Stars & the Solar System	1. Construct a model of Kaleidoscope based on the principle of multiple reflections.	Post-Mid Term (08.01.24 to 16.01.24) Syllabus: Chapters: 8, 9, 10	
10	February / March		REVISION				
			ANNUAL EXAMINATION (24.02.24 to 12.03.24) [30% of Mid-Term Course (Chapters 2 & 6) will also be included]				Syllabus: Chapters: 8 to 13 & 2, 6

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Sl. No.	Month	Ch. No.	Topic	Activity	Project	Exam	
1	April	1 2	Nutrition in Plants Nutrition in Animals	1. Flow chart showing Modes of Nutrition. 2. Chart preparation (1/4 th size paper) on the topic 'Human Digestive System'.	1. Power Point Presentation on Nutrition in Animals.		
2	June	3	Heat	1. Demonstration on Transfer of Heat (Activity 4.6 Pg. No. 40)			
3	July	4 5	Acids, Bases and Salts Physical and Chemical Changes	1. Demonstration to find out whether the given solution is acid or base with the help of indicators. 2. Demonstration showing Neutralization Reaction. 3. Demonstration on Activity 6.6, Pg. No. 60 Burning of Magnesium Ribbon & Activity 6.7 Pg. No. 61 Displacement Reaction.		Pre-Mid Term (21.07.23 to 28.07.23) Syllabus: Chapters: 1,2,3	
4	August	6 12	Respiration in Animals Forest: Our Lifeline	1. Demonstration showing What Do We Breathe Out? Activity 10.6 Pg. No. 114. 2. Quiz on Respiration in Animals 3. Group Discussion / Seminar	1. File Preparation (Group wise) on the topic 'How are forest related to our life?'		
5	September		MID-TERM EXAMINATION (16.09.23 to 30.09.23)				Syllabus: Chapters: 1 to 6 & 12
6	October	7	Transportation in Animals & Plants.	1. Chart Preparation showing 'Internal Structure of Human Heart' (1/4 th chart paper)			
7	November	8 9	Reproduction in Plants Motion & Time	1. Drawing & colouring of the diagram showing 'Vertical Section of a Flower'. (1/4 th chart paper)			

Sl. No.	Month	Ch. No.	Topic	Activity	Project	Exam	
8	December	10 11	Electric Current & Its Effects Light	1. Construct a model of Electric Circuit with the help of using various electrical components. 2. Construct a model of Electromagnet by using coiled iron nail as magnet.			
9	January	13	Waste Water Story	1 .Group Discussion / Seminar	1. File preparation on 'Waste Water Treatment Plant'.	Post-Mid Term (08.01.24 to 16.01.24) Syllabus: Chapters: 8, 9, 10	
10	February / March		REVISION				
			ANNUAL EXAMINATION (24.02.24 to 12.03.24) [20% of Mid-Term Course (Chapters 4 & 6) will also be included]				Syllabus: Chapters: 7 to 11, 13 & 4, 6