

SYLLABUS BREAK -UP
SCIENCE CLASS: VIII
[SESSION 2024-25]
SUBJECT: SCIENCE

	SUB TOPICS		
CHAPTERS	Pre-Mid Exam	PERIODS	DATE/TIME
Chapter. 1- CROP PRODUCTION AND MANAGEMENT	<ul style="list-style-type: none"> • 1.1 Agricultural Practices. • 1.2 Basic Practices of Crop Production. • 1.3 Preparation of soil. • 1.4 Sowing • 1.5 Adding manure and fertilizers • 1.6 Irrigation • 1.7 Protection from weeds • 1.8 Harvesting • 1.9 Storage • 1.10 Food from animals . 	6	20/04/24 to 18/05/24
Chapter. 8 – FORCE AND PRESSURE.	<ul style="list-style-type: none"> • 8.1 Force a push or a pull • 8.2 Forces are due to an interaction • 8.3 Exploring Forces • 8.4 A Force can change the state of motion • 8.5 Force can change the shape of an object • 8.6 Contact forces • 8.7 Non contact forces • 8.8 Pressure • 8.9 Pressure exerted by liquids and gases • 8.10 Atmospheric pressure 	7	
Chapter 3- COAL AND PETROLEUM.	<ul style="list-style-type: none"> • Inexhaustible and exhaustible natural resources • 3.1 Coal 	3	
	Mid Term Exam		
Chapter. 2- MICROORGANISMS: FRIEND AND FOE	<ul style="list-style-type: none"> • 2.1 Microorganisms • 2.2 Where do microorganisms live? • 2.3 Microorganisms and us • 2.4 Harmful microorganisms • 2.5 Food preservation • 2.6 Nitrogen fixation • 2.7 Nitrogen cycle 	7	05/07/24 to 31/08/24
Chapter. 3 COAL AND PETROLEUM	<ul style="list-style-type: none"> • 3.2 Petroleum • 3.3 Natural gas • 3.4 Some natural resources are limited 	6	

	Annual Exam		Nov. / 24 to January 2024 Revision in February 2024
Chapter -5-CONSERVATION OF PLANTS AND ANIMALS	<ul style="list-style-type: none"> • 5.1 Deforestation and its causes • 5.2 Consequences of deforestation • 5.3 Conservation of forest and wildlife • 5.4 Biosphere reserves • 5.5 Flora and fauna • 5.6 Endemic species • 5.7 Wildlife sanctuary • 5.8 National Park • 5.9 Red data book • 5.10 Migration • 5.11 Recycling the paper • 5.12 Reforestation 	5	
Chapter -7- REACHING THE AGE OF ADOLESCENCE.	<ul style="list-style-type: none"> • 7.1 Adolescence and puberty • 7.2 Changes at puberty • 7.3 Secondary sexual characteristics • 7.4 Roll of hormones in initiating reproductive function • 7.5 Reproductive phase of life in humans • 7.6 how is the sex of a baby determined • 7.74 moons other than sex hormones • 7.8 roll of hormones in completing the life history of insects and frogs • 7.9 Reproductive health 	5	
Chapter -12- SOME NATURAL PHENOMENA.	<ul style="list-style-type: none"> • 12.1 Lightening • 12.2 Charging by Rubbing • 12.3 Types of charges and their interaction • 12.4 transfer of charge • 12.5 The story of lightning • 12.6 Lightning safety • 12.7 Earthquakes 	4	
Chapter. 13- LIGHT	<ul style="list-style-type: none"> • 13.1 What makes things visible ? • 13.2 Laws of reflection • 13.3 Regular and diffused reflection • 13.4 Reflected light can be reflected again • 13.5 Multiple images • 13.6 Sunlight white or coloured • 13.7 What is inside are eyes ? • 13.8 Care of eyes • 13.9 Visually impaired person can read and write 	5	

<p>EXTRA TOPICS</p> <p>Previous chapters Chapter. 4- COMBUSTION AND FLAME. Chapter -6-REPRODUCTION IN ANIMALS.</p>	<ul style="list-style-type: none"> 13.10 Watt is the Braille system? <p>Metal and Non Metal Physical Properties of Metal and Non Metal Uses of Metals and Non Metals</p>	<p>3</p>	

Test Exam	Syllabus	Date
Pre Mid Term	Chapter. 1- CROP PRODUCTION AND MANAGEMENT Chapter. 8 – FORCE AND PRESSURE Chapter 3- COAL All Topics	26/06/24
Mid Term	Chapter. 2- MICROORGANISMS: FRIEND AND FOE Chapter. 3 COAL AND PETROLEU Chapter -9 – FRICTION Chapter -10- SOUND Previous Chapter Chapter. 1- CROP PRODUCTION AND MANAGEMENT Chapter. 3 COAL AND PETROLEUM	12/09/24
Post Mid Term	Chapter -6-REPRODUCTION IN ANIMALS. Chapter. 4- COMBUSTION AND FLAME Chapter. -11- CHEMICAL EFFECTS OF ELECTRIC CURRENT Previous chapter. Chapter. 2- MICROORGANISMS: FRIEND AND FOE. Chapter 3- COAL AND PETROLEUM.	05/12/24
Annual Exam	Chapter -5-CONSERVATION OF PLANTS AND ANIMALS Chapter -7- REACHING THE AGE OF	

	<p>ADOLESCENCE. Chapter -12- SOME NATURAL PHENOMENA. Chapter. 13- LIGHT EXTRA TOPICS Metal and Non Metal</p> <p>Previous chapters Chapter. 4- COMBUSTION AND FLAME. Chapter -6-REPRODUCTION IN ANIMALS.</p>	
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