

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	

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

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