



# DATTA MEGHE WORLD ACADEMY

ACADEMIC YEAR 2021-2022

## Grade XII Mathematics & Biology

Subjects							
MONTH	ENGLISH	PHYSICS	CHEMISTRY	MATHEMATICS	BIOLOGY	PHYSICAL EDUCATION	INFORMATICS PRACTICE
	Subject Teacher: Deepa Ragle	Subject Teacher: Mr. Ajit Kumar	Subject Teacher: Suvarna Asadala	Subject Teacher: Sonali Deb	Subject Teacher: Garima Singh	Subject Teacher: Mr. Amey	Subject Teacher: Mrs. Vedika Bhardwaj
APRIL	LITERATURE:1. The Last Lesson,2. My Mother At Sixtysix,CREATIVE WRITING:Invitation Writing.	1. Electric charge and field,2.Electrostatic Potential and Capacitance	Revision Class to enhance students previous knowledge Unit 10 : Haloalkanes and Haloarenes	3. Matrices,4. Determinants,12. Linear Programming	Introduction and Revision Class to enhance students previous knowledge.,1. Reproduction in Organisms,2. Sexual Reproduction in Flowering Plants	Introduction & Revision of previous knowledgeExplaining SyllabusPracticals:- 1. Push-ups2. Crunches 3. Sit ups 4. Curl up TestPractical Assignment 1	Revision of grade 11
JUNE	LITERATURE1. Lost Spring2. Deep Waters3. The Third Level4. An Elementary School Classroom In SlumCREATIVE WRITING1. Notice Writing2. Poster	3. Current Electricity4. Moving Charges and Magnetism	Unit 11 : Alcohols, Phenols and EthersUnit 12 : Aldehydes, Ketones and Carboxylic acidUnit 13 : Amines	5. Continuity and Differentiability6. Application of Derivative	3. Human Reproduction4. Reproductive Health	1. Unit 1 Planning in Sports 2. Practical 3. Practical Assignment 2	Unit 1: Data Handling using Pandas and Data Visualization Data Handling using Pandas -I
JULY	LITERATURE1. The Rat Trap2. The Tiger King3. Indigo4. Poets and Pancakes5. Keeping QuietCREATIVE WRITING1. Letter-Job Application, Editor, Enquiry	5. Magnetism and Matter6. Electromagnetic Induction	Unit 14 : BiomoleculesUnit 15: PolymersUnit 16 : Chemistry in Everyday life	7. Integrals8. Application of Integrals	5. Principal of Inheritance and Variation6. Molecular Basis of Inheritance7. Evolution	1. Unit 2 Sports and Nutrition2. Unit 3 Yoga and Lifestyle3. Practical4. Practical Assignmnt 3	Unit 1: Data Handling using Pandas and Data Visualization Data Handling using Pandas -I

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AUGUST	LITERATURE1. The Enemy2. The Interview3. Journey to the end of the earth4. A Thing of BeautyCREATIVE WRITINGLetter - Complaint, Asking Info, Placing Order	7. Alternating Current8. Electromagnetic Waves9. Ray Optics and Optical Instruments	Unit 07 : p-Block ElementsUnit 08: d- and f- block elementsUnit 09: Coordination Chemistry	9. Differential Equations10. Vector Algebra	8. Human Health and Diseases9. Strategies for Enhancement in Food Production10 Microbes in Human welfare	1. Unit 4 Physical Education and Sports for CWSN2. Unit 5 Children and Women in Sports3. Practicals 4. Practical Assignment 4	Data Handling using Pandas and Data Visualization Data handling using Pandas – II &Data Visualization :
SEPTEMBER	LITERATURE1. Going Places2. Should Wizard Hit Mommy3. A Roadside StandCREATIVE WRITING1. Letter-Sending Replies2. Article3. Debate	10. Wave Optics11. Dual Nature of Radiation and Matter12. Atoms	Unit 01: Solid StateUnit 02 : SolutionsUnit 03 : Electrochemistry	11. Three Dimensional Geometry13. probability	11. Biotechnology- Principles and Processes12. Biotechnology and its Application	1. Unit 6 Test and Measurement in Sports2. Unit 7 Physiology and injuries in Sports3. Practicals4. Practical Assignment 5	Unit 2: Database Query using SQL
OCTOBER	LITERATURE1. On the Face of It2. Memories of Childhood3. Aunt Jennifer's Tiger4. Going placesCREATIVE WRITING1. Speech, 2. Report Writing3. Discursive & Analytical Paragraphs	13. Nuclei14. Semiconductor Electronics	Unit 04: Chemical KineticsUnit 05: Surface ChemistryUnit 06: General Principles and Processes of Isolation of Elements	1. Relations and Functions2. Inverse Trigonometry Functions	13.Organisms and Population14. Ecosystem15. Biodiversity and Conservation16. Environmental Issues.	1. Unit 8 Biomechanics and Sports2. Unit 9 Psychology and Sports3. Practicals Revision4. Assignment Revision	Unit 3: Introduction to Computer Networks
NOVEMBER						1. Unite 10 Training in Sports2. Theory and Practicals Test3. Submission of Practicals	Unit 4: Societal Impacts