

ACADEMIC PLANNER (2019-2020)

Class-VII

SUBJECT - SCIENCE

| MONTHS & DAYS | CONTENTS | ACTIVITY / ASSESSMENT |
|--------------------------|--|---|
| APRIL | | |
| 1- 15 (11 days) | Chapter 1 Nutrition in plants | 1.1 To show that plants prepare food during day time Revision of Nutrition in plants. |
| 16 - 30 (11 days) | Chapter 2 Nutrition in animals and human | 2.2 To study the effect of saliva on starch. Revision of Nutrition in animals. |
| | Chapter 3 Fibre to fabric | Collage making Educosoft online assessment |
| MAY | | |
| 1 - 15 (11 days) | Chapter 4 Heat | 4.1 To record the temperature of water using laboratory thermometer. Revision of Heat. Educosoft online assessment |
| JUNE | SUMMER VACATION | |
| JULY | | |
| 1- 15 (12 days) | Chapter 5 Acid,Base And Salts | 5.2 To classify the given solutions as acidic and basic using litmus solution Revision of Acid, bases and salts . |
| 16 - 31 (14 days) | Chapter 6 Physical and Chemical changes | 6.1 To study the chemical reaction between iron nail and copper sulphate solution. Revision of physical and chemical change. |
| | Chapter 16 Water | Poster making Educosoft online assessment |
| | UT-1 24th JULY TO 5th AUGUST 2019 | SYLLABUS OF UNIT TEST-1 (40 marks) |
| | | Chapter 1 - Nutrition in plants |
| | | Chapter 2 - Nutrition in animals and human |
| | | Chapter 3 - Fibre to fabric |
| | | Chapter 4 - Heat |
| AUGUST | | |
| 1- 15 (10 days) | Chapter7 Weather,Climate and Adaptations | 7.1 To compare the duration of the day during summer and winter season |

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| | | Revision of weather, climate and adaptations. |
| 16-31 (13 days) | Chapter 8 Wind, Storm and Cyclones | 8.3 To show air expands on heating and contracts on cooling |
| | | Revision of Wind, storm & cyclones |
| | | Educosoft online assessment |
| | REVISION FOR HALF YEARLY EXAMS | LAB ACTIVITY TEST |
| | | CLASS RECORD ASSESSMENT |
| | | |
| SEPTEMBER | Exam Month | |
| 1- 15 (10 days) | Chapter 18 Wastewater Story | Group Discussion |
| | | Revision for Half Yearly Exam |
| | | Educosoft online assessment |
| 16 - 30 (13 days) | HALF YEARLY EXAMS 17th Sep to 28th Sept | SYLLABUS OF HALF YEARLY (80 marks) |
| | | Chapter 1 - Nutrition in plants |
| | | Chapter 2 - Nutrition in animals and human |
| | | Chapter 3 - Fibre to fabric |
| | | Chapter 4 - Heat |
| | | Chapter 5 - Acid, Base And Salts |
| | | Chapter 6 - Physical and Chemical changes |
| | | Chapter 7 - Weather, Climate and Adaptions |
| | | Chapter 8 - Wind, Storm and Cyclones |
| | | Chapter 16 - Water |
| OCTOBER | | |
| 1- 15 (06 days) | Chapter 9 Soil | 9.1 To determine the percentatge of water absorbed by different soils. |
| | | Revision of soil. |
| 16 - 31 (11 days) | Chapter 10 Respiration in Organisms | 10.2 To Show that exhaled air contains Carbon dioxide. |
| | | Revision of respiration in organisms. |
| | | Educosoft Online Assessment |
| NOVEMBER | | |
| 1- 15 (11 days) | Chapter 11 Transportation in Animals and plants | 11.1 To measure pulse rate under different conditions |
| | | Revision of Transportation in animals. |
| 16 - 30 (13 days) | Chapter 12 Reproduction in Plants | 12.1 To grow a new plant through vegetative propagation |
| | | Revision of Reproduction in plants. |

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| | | Educosoft Online Assessment |
| | UT-2 16th NOV TO 27th NOV 2019 | SYLLABUS OF UNIT TEST-2 (40 marks) |
| | | Chapter 9 - Soil |
| | | Chapter 10 - Respiration in Organisms |
| | | Chapter 11 Transportation in Animals and plants |
| | | Chapter 12 Reproduction in Plants |
| DECEMBER | | |
| 1- 15 (11 days) | | |
| | Chapter 17 Forest our Lifeline | 17.1 To show that decaying matter is always warm. Revision of forest our lifeline. |
| 16-31 (13 days) | Chapter 13 Motion and time | 13.1 To find the time period of a simple pendulum Revision of motion and time. |
| | Chapter 14 Electric current and its Effects | 14.1 To show the heating effect of current Revision of electric current and its effects |
| | | |
| | | Educosoft Online Assessment |
| JANUARY | | |
| 1- 15 (0 day) | | Winter Break |
| 16-31 (14 days) | Chapter 15 Light | 15.1 To show that sunlght is a combination of seven colors Revision of light. |
| | | Educosoft Online Assessment |
| FEBRUARY | | |
| 1- 15 (12 days) | | Educosoft Online Assessment |
| | REVISION OF ANNUAL EXAM | LAB ACTIVITY TEST |
| | | CLASS RECORD ASSESSMENT |
| | | |
| 16 - 28(11 days) | ANNUAL EXAM | SYLLABUS OF ANNUAL EXAMS (80 marks) |
| | | Chapter 5 Acid Base and Salt (From Term 1) |
| | | Chapter 6 Physical and Chemical changes (From Term 1) |
| | | Chapter 9 Soil |
| | | Chapter 10 Respiration in Organisms |
| | | Chapter 11 Transportation in Animals and plants |

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| | | Chapter 12 Reproduction in Plants |
| | | Chapter 13 Motion and time |
| | | Chapter 14 Electric current and its Effects |
| | | Chapter 15 Light |
| | | Chapter 17 Forest our Lifeline |
| | | Chapter 18 Wastewater Story |
| MARCH | | |
| 1- 31 (24 DAYS) | ANNUAL EXAM | |
| Syllabus at a glance | | |
| Unit test 1 | Ch -1,2,3,4 | |
| Half yearly | Ch- 1, 2, 3, 4, 5, 6, 7, 8,16 | |
| Unit test 2 | Ch - 9,10,11,12 | |
| Annual exam | Ch -5,6, 9, 10, 11, 12, 13, 14,15, 17,18 | |

CHETNA VERMA

