**SGS DAV CENTENARY PUBLIC SCHOOL**

**HANUMANGARH TOWN (RAJ.)**

**CLASS:XI SCIENCE**

**SYLLABUS SPLIT-UP (SESSION 2019-20)**

**Sub- Physical Education**

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No | Month | Topic/ Activity | Name of Lesson/ Activity |
| 1. | April | Unit-I |  Changing Trends & Career in Physical Education |
| Activity | Labelled diagram of 400 M Track & Field with computations. Introduction of Fitness Test- AAHPER |
|  | May | Unit-II | Olympic Value Education |
| Activity | Record File Preparation  |
| 2. | June | Unit-III | Olympic Value Education |
| Activity | AAHPER Test Practice  |
| 3. | July | Unit-IV | Physical Fitness, Wellness & Lifestyle |
| Activity | Game –Judo, Badminton ( Introduction, History, Rules,) |
| 4. | August | Unit-V | Physical Education & Sports for CWSN |
| Activity | Game –Judo, Badminton (Skill, Techniques, Terminologies ) |
| 5. | September | S.A-I | Revision, Practical Examination & Mid- Term Exam |
| 6. | October | Unit-VI | Yoga,  |
| Activity | Yogic Practices, (Asana, Yogic Kiriyas, Yoga for Meditation) |
| 7. | November | Unit-VII & VIII | Physical Activity & Leadership Training. Test, Measurement & Evaluation, |
| Activity | Pictorial presentation of Asana for improving concentration |
| 8. | December | Unit- IX | Fundamentals of Anatomy, Physiology & Kinesiology in Sports |
| Activity | Computation of BMI from family or neighbourhood & graphical representation of the data |
| 9. | January | Unit-X | Psychology & Sports |
| Activity | Practice of AAHPER Test, Asana, Game. |
| 10. | February | ………… | Pre-Board Exams & Practical Exam |
| 11. | March | ………. | Final Exam |

**Sub- Informatics Practices**

|  |  |  |
| --- | --- | --- |
| Sr. No | Month | Name of Lesson/ Topic |
| 1. | April-June | Unit-1 Pragramming and Computational Thinking (PCT-1) |
| 2. | July-August | Unit-3 Data Management (DM-1) |
| 3. | September | Revision, Practical Examination & Mid- Term Exam |
| 4. | October-November | Unit-2 Data handling (DH-1) |
| 8. | December- January | Unit 4: Society, Law and Ethics (SLE-1) – Cyber safety |
| 10. | February | Pre-Board Exams & Practical Exam |
| 11. | March | Final Exam |

**Sub- English Core**

|  |  |
| --- | --- |
| APRIL-PROSE  S.R POEM GRAMMARWRITING SKILLS  |  THE PORTRAIT OF A LADY THE SUMMER OF THE BEAUTIFUL WHITE HOUSE A PHOTOGRAPH TENSES NOTE MAKING |
| MAY- PROSE  S.R  POEM  GRAMMAR  | WE ARE NOT AFRAID TO DIETHE ADDRESS-DETERMINERS |
| JUNE-PROSE  S.R POEM GRAMMARWRITING SKILLS  | --THE VOICE OF THE RAINREPORTED SPEECHADVERTISEMENT |
| JULY- PROSE   S.R  POEM GRAMMARWRITING SKILLS  | DISCOVERING TUT LANDSCAPE OF THE SOULRANGA’S MARRIAGETHE LABURNUM TOPEDITING/OMISSIONNOTICE,LETTER  |
| AUGUST-PROSE  S.R POEM GRAMMAR WRITING SKILLS   | THE AILING PLANETALBERT EINSTEIN AT SCHOOL-RE-ARRANGING WORDS/SENTENCESREPORT,ARTICLE WRITING,POSTER MAKING |
| SEPTEMBER- | REVISION & MID TERM EXAMINATION |
| OCTOBER PROSE  S.R POEM  GRAMMAR WRITING SKILLS - | THE BROWNING VERSION-CHILDHOODFATHER TO SONTRANSFORMATION- |
| NOVEMBER- PROSE  S.R  POEM GRAMMAR WRITING SKILLS  | THE ADVENTUREMOTHER’S DAYTHE GHAT OF THE ONLY WORLD---JOB LETTER,ASL PRACTICE |
| DECEMBER PROSE  S.R  POEM GRAMMAR WRITING SKILLS - | SILK ROADBIRTH-INTEGRATED GRAMMAR PRACTICEASL PRACTICE |
| JANUARY- PROSE  S.R  POEM  | THE TALE OF THE MELON CITY--ASL |
| FEBRUARY- | REVISION &FINAL EXAMS |

**Sub- Mathematics**

|  |  |
| --- | --- |
| April | Ch.1 Set TheoryCh.2 Relation & Function  |
| May | Ch.3 Trigonometry |
| June  | Ch.4 Principle of mathematical Induction |
| July | Revision of Ch. – 1,2,3,4 and Pre- mid term examCh.5 - Complex numberCh.6 Linear Inequalities |
| August |  Ch. 7 Permutation & Combination Ch. 8 Binomial Theorem |
| September | Revision and Mid-term ExaminationCh. 9 Sequence & Series  |
| October |  Ch. 9 Sequence & Series Cont.....Ch. 10 Straight Line |
| November |  Ch. 11 Conic Section Ch. 12 Introduction of 3-DCh. 13 limit and Derivative  |
| December | Ch. 14 Mathematical ReasioningCh. 15 StatisticsCh. 16 Probability Revision and Post Mid-term Examination  |
| January |  Revision and pre board exam  |
| February | Final Term Examination |

 **SUBJECT: ENGLISH (ELECTIVE)**

|  |  |
| --- | --- |
| MONTH | TOPIC/LESSON |
| APRIL | Short story L-1 The Lamentpoem L-1 The PeacockEssay L:-1 My watchWriting Essay writing (Long composition) |
| MAY | Short story L-2 A Pair of MoustachePoem L:2 Let Me Not to the Marriage of True Minds |
| JUNE | Poem L:3 ComingWriting Report writing/Speech writing |
| JULY | Short story L-3 The Rocking Horse Winnerpoem L-4 Telephone ConversationEssay L:-2 My Three PassionsFiction The Old Man And the Sea (Summary) |
| AUG. | Short story L-4 The Adventure of Three Garridebspoem L-5 The World is Too Much with UsEssay L:-3 Patterns of Creativity |
| SEP. | Poem L:6 Mother TongueRevision and Mid-Term |
| OCT. | Short story L-5 Pappachi’s MothL-6 The Third and Final Continentpoem L-7 Hawk RoostingEssay L:-4 Tribal verse |
| NOV. | Short story L-7 Glory at Twilightpoem L-8 For ElkanaL-9 Refugee BluesEssay L:-5 what is a Good Book |
| DEC. | Short story L-8 The Luncheonpoem L-10 Felling of BanyanL:11 Ode to a NightinagleEssay L:-6 The StoryDrama Arms and the Man (summary) |
| JAN. | poem L-12 Ajamil and the TigersEssay L:-7 Bridges |

**Syllabus for Examination**

**Pre Mid Term-**  **Short Story-1, 2 Poem: 1, 2, 3 Essay: 1 writing skill- Essay writing**

**Mid-Term Short Story-1,2 ,3,4 Poem : 1,2,3 ,4,5 Essay :1,2,3 Fiction-Old Man and the sea summary**

**Post Mid Term- Short Story-5,6 Poem : 6,7 Essay :4,5 Writing Skill- Speech/Article**

**Final Exams-**

**All Syllabus**

**Subject: Physics**

|  |  |
| --- | --- |
| Month | Topic/Lesson |
| April | Mathematical ToolsPhysical WorldUnit and Dimension |
| May | Kinematics |
| June | Newton’s laws of motion(continue) |
| July | Newton’s laws of motion Work Energy and Power |
| August | Rotational DynamicsGravitation (continue) |
| September | GravitationRevision for Mid term Examination |
| October | ElasticityFluid mechanicsThermal properties of matter |
| November | ThermodynamicsKinetic Theory of Gases |
| December | Oscillation and Waves |
| January  | Revision |
| February | Revision |

**Subject: Chemistry**

|  |  |
| --- | --- |
| April | Some Basic Concepts of Chemistry |
| May | Structure of atomClassification of elements and periodicity in properties |
| June | Chemical Bonding and Molecular Structure |
| July | States of Matter: Liquids and gasesThermodynamics |
| August | EquilibriumRedox Reactions |
| September | Hydrogens- Block elements |
| October | Some p block elements |
| November-December | Organic chemistry – some basic principles and techniquesHydrocarbonsEnviromental Chemistry |
| January | Revision |
| February | Revision |

**Subject: Biology**

|  |  |
| --- | --- |
| April | Unit 1- Diversity in Living World (continue) |
| May | Unit 1- Diversity in Living World  |
| June | Unit 2- Organization in plants and animals(continue) |
| July | Unit 2- Organization in plants and animals |
| August | Unit 3- Cell Structure and Functions |
| September | Unit 4- Human Physiology(continue) |
| October | Unit 4- Human Physiology |
| November | Unit 5 – Plant Physiology(continue) |
| December | Unit 5 – Plant Physiology |
| January | Revision |
| February | Revision |

**Sub- Music**

|  |  |
| --- | --- |
| **Month** | **Name of Lesson/ Topic** |
| **अप्रैल**  | संगीत – संगीत के प्रकार , पक्ष अलंकार – 1 – 5, स्वरों के नाम, आरोह, अवरोह, शुद्ध स्वर, कोमल स्वर, सप्तक राग – यमन (पूर्ण परिचय)ताल – तीन ताल (पूर्ण परिचय)  |
| **मई**  | परिभाषा – नाद, श्रुति, स्वर, हिन्दुस्तानी संगीत पद्धति के 10 थाट राग – यमन (हारमोनियम के साथ)ताल – तीन ताल (हाथ पर अभ्यास)  |
| **जुलाई**  | परिभाषा –थाट, राग, सप्तक, स्वर मल्लिका, लक्षण-गीत, पकड़,अलंकार,निबद्ध गान राग – भूपाली (पूर्ण परिचय)ताल – कहरवा  |
|  **अगस्त**  | लय और ताल – लय, ताल, मात्रा, आलाप, वर्ण, सम, वादी, संवादीसंगीत का इतिहास महान संगीतज्ञ – बड़े गुलाम अली खान , तानसेन  |
| **सितम्बर**  | अर्द्वार्षिक परीक्षा  |
| **अक्टूबर**  | गायन शैलियां – ध्रुपद, धमार, ख्याल, गीतग्रन्थ परिचय – संगीत रत्नाकर राग – भूपाली, यमन (हारमोनियम के साथ) ताल – तीन ताल, कहरवा, तिलवाड़ा (हाथ पर अभ्यास)  |
| **नवम्बर**  | वाद्य परिचय – तत, तंतु, सुषिर, घन राग – भीम प्लासी ताल – दादरा महान संगीतज्ञ – कृष्ण राव शंकर  |
| **दिसम्बर**  | परिभाषा – ठेका, ताली, खाली राग – भैरवी ताल – तीन ताल, दादरा, तिलवाड़ामहान संगीतज्ञ – पंडित विष्णु नारायण भातखंडे |
| **जनवरी**  |  पाठ्यक्रम की पुनरावृति  |
| **फरवरी**  |  प्रायोगिक परीक्षा अभ्यास |