**SGS DAV CENTENARY PUBLIC SCHOOL**

**HANUMANGARH TOWN (RAJ.)**

**CLASS:XI SCIENCE**

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

**Sub- Physical Education**

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| 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**

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| 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**

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| APRIL-  PROSE  S.R  POEM  GRAMMAR  WRITING 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 DIE  THE ADDRESS  -  DETERMINERS |
| JUNE-  PROSE  S.R  POEM  GRAMMAR  WRITING SKILLS | -  -  THE VOICE OF THE RAIN  REPORTED SPEECH  ADVERTISEMENT |
| JULY-  PROSE    S.R  POEM  GRAMMAR  WRITING SKILLS | DISCOVERING TUT  LANDSCAPE OF THE SOUL  RANGA’S MARRIAGE  THE LABURNUM TOP  EDITING/OMISSION  NOTICE,LETTER |
| AUGUST-  PROSE  S.R  POEM  GRAMMAR WRITING SKILLS | THE AILING PLANET  ALBERT EINSTEIN AT SCHOOL  -  RE-ARRANGING WORDS/SENTENCES  REPORT,ARTICLE WRITING,POSTER MAKING |
| SEPTEMBER- | REVISION & MID TERM EXAMINATION |
| OCTOBER  PROSE  S.R  POEM    GRAMMAR WRITING SKILLS  - | THE BROWNING VERSION  -  CHILDHOOD  FATHER TO SON  TRANSFORMATION  - |
| NOVEMBER-  PROSE    S.R  POEM  GRAMMAR WRITING SKILLS | THE ADVENTURE  MOTHER’S DAY  THE GHAT OF THE ONLY WORLD  -  -  -  JOB LETTER,ASL PRACTICE |
| DECEMBER  PROSE  S.R  POEM  GRAMMAR WRITING SKILLS  - | SILK ROAD  BIRTH  -  INTEGRATED GRAMMAR PRACTICE  ASL PRACTICE |
| JANUARY-  PROSE  S.R  POEM | THE TALE OF THE MELON CITY  -  -  ASL |
| FEBRUARY- | REVISION &FINAL EXAMS |

**Sub- Mathematics**

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| April | Ch.1 Set Theory  Ch.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 exam  Ch.5 - Complex number  Ch.6 Linear Inequalities |
| August | Ch. 7 Permutation & Combination  Ch. 8 Binomial Theorem |
| September | Revision and Mid-term Examination  Ch. 9 Sequence & Series |
| October | Ch. 9 Sequence & Series Cont.....  Ch. 10 Straight Line |
| November | Ch. 11 Conic Section  Ch. 12 Introduction of 3-D  Ch. 13 limit and Derivative |
| December | Ch. 14 Mathematical Reasioning  Ch. 15 Statistics  Ch. 16 Probability  Revision and Post Mid-term Examination |
| January | Revision and pre board exam |
| February | Final Term Examination |

**SUBJECT: ENGLISH (ELECTIVE)**

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| MONTH | TOPIC/LESSON |
| APRIL | Short story L-1 The Lament  poem L-1 The Peacock  Essay L:-1 My watch  Writing Essay writing (Long composition) |
| MAY | Short story L-2 A Pair of Moustache  Poem L:2 Let Me Not to the Marriage of True Minds |
| JUNE | Poem L:3 Coming  Writing Report writing/Speech writing |
| JULY | Short story L-3 The Rocking Horse Winner  poem L-4 Telephone Conversation  Essay L:-2 My Three Passions  Fiction The Old Man And the Sea (Summary) |
| AUG. | Short story L-4 The Adventure of Three Garridebs  poem L-5 The World is Too Much with Us  Essay L:-3 Patterns of Creativity |
| SEP. | Poem L:6 Mother Tongue  Revision and Mid-Term |
| OCT. | Short story L-5 Pappachi’s Moth  L-6 The Third and Final Continent  poem L-7 Hawk Roosting  Essay L:-4 Tribal verse |
| NOV. | Short story L-7 Glory at Twilight  poem L-8 For Elkana  L-9 Refugee Blues  Essay L:-5 what is a Good Book |
| DEC. | Short story L-8 The Luncheon  poem L-10 Felling of Banyan  L:11 Ode to a Nightinagle  Essay L:-6 The Story  Drama Arms and the Man (summary) |
| JAN. | poem L-12 Ajamil and the Tigers  Essay 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**

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| Month | Topic/Lesson |
| April | Mathematical Tools  Physical World  Unit and Dimension |
| May | Kinematics |
| June | Newton’s laws of motion(continue) |
| July | Newton’s laws of motion  Work Energy and Power |
| August | Rotational Dynamics  Gravitation (continue) |
| September | Gravitation  Revision for Mid term Examination |
| October | Elasticity  Fluid mechanics  Thermal properties of matter |
| November | Thermodynamics  Kinetic Theory of Gases |
| December | Oscillation and Waves |
| January | Revision |
| February | Revision |

**Subject: Chemistry**

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| April | Some Basic Concepts of Chemistry |
| May | Structure of atom  Classification of elements and periodicity in properties |
| June | Chemical Bonding and Molecular Structure |
| July | States of Matter: Liquids and gases  Thermodynamics |
| August | Equilibrium  Redox Reactions |
| September | Hydrogen  s- Block elements |
| October | Some p block elements |
| November-December | Organic chemistry – some basic principles and techniques  Hydrocarbons  Enviromental Chemistry |
| January | Revision |
| February | Revision |

**Subject: Biology**

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| 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**

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| **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, संवादी  संगीत का इतिहास  महान संगीतज्ञ – बड़े गुलाम अली खान , तानसेन |
| **सितम्बर** | अर्द्वार्षिक परीक्षा |
| **अक्टूबर** | गायन शैलियां – ध्रुपद, धमार, ख्याल, गीत  ग्रन्थ 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, तिलवाड़ा  महान संगीतज्ञ – पंडित विष्णु नारायण भातखंडे |
| **जनवरी** | पाठ्यक्रम की पुनरावृति |
| **फरवरी** | प्रायोगिक परीक्षा अभ्यास |