



**MAEER's MIT Pune's
VISHWASHANTI GURUKUL SCHOOLS**

Aurangabad | Barshi | Kothrud | Loni Kalbhor | Pandharpur | Sangli | Solapur

ANNUAL PLAN 2022-23

GRADE: VIII

SUBJECT: ENGLISH

Name of the Prescribed Books:

Main course book- Honeydew, - SR- It So Happened, WB- Everyday English Grammar & Composition.

Sr. No.	Month	No of Working Days	Topic/Unit to be completed from Textbook	SE / MA / Portfolio / Periodic Test
1.	April	21	Honeydew- 1. The Best Christmas Present in the world 2. The Tsunami Poem- 1. The Ant and the Cricket SR- 1. How the Camel got his hump Grammar- 14.The Present tense 15. The Past Tense 16. The Future Tense Writing- Letter Writing	SE Activity- In groups discuss whether wars are a good way to end conflicts between countries. Then present your arguments to the whole class. MA- Class Test- On Tenses & Literature (15 M) PF- Prepare a chart on tenses.
2.	June	23	Honeydew- 3. Glimpses of the Past Poem- 2. Geography Lesson 3. Macavity : The Mystery Cat SR- 2. Children at work Grammar- 1. Determiners 2. Prepositions 3. Sentence Analysis	SE- Compose a poem on your favourite pet. MA- Class test on Literature portion. PF- Worksheets based on the taught portion

			Writing- 1. Email writing 2. Essay writing	
3.	July	24	Honeydew- 4. Bepin Choudhury's Lapse of Memory SR- The Selfish Giant Grammar- 4. Auxiliary Verbs 5. Modals 6. Linking Verbs Writing- story writing	SE- A prank is a childish trick. Do you remember any incident when someone played a prank on you or your friends? Describe the prank in a paragraph. MA- Class test on the taught portion PF- story writing on the given topic
4.	August	22	Honeydew- Poem- 4. The Last Bargain SR- 4. The treasure within Grammar- 7. The Complement 8. Adverbs & adverbials. 9. Conjunctions Writing- Diary Entry	SE- Assessment of listening and speaking skill. Speech or extempore MA- Class test on the taught portion PF- worksheet on the taught syllabus
5.	September	22	Honeydew- 5. The Summit Within. Poem- 5. The School Boy SR- 5. Princess September 6. The fight Grammar- 10. Clauses 11. Infinitives 12. participles Writing- Preparing posters	MA- Grammar Class test PF- Notebook checking record
6.	October	12	Honeydew- SR- 7. The open window Grammar- 19. Active & Passive Voice Writing- Revision	MA- Class test on Literature & Grammar PF- Worksheets
7.	November	24	Honeydew- 6. This is Jody's Fawn. SR- 8. Jalebis	MA- Class test on Literature & Grammar

			Grammar- 13. Gerund 17. Relative Clauses 18. Conditionals Writing- Revision	PF- Worksheets
8.	December	25	Honeydew- 7. A Visit to Cambridge Poem- 7. When I set out for Lyonnesse SR- 9. The comet — I Grammar- 20. Direct- Indirect Speech 23. Affixation Writing- Revision	SE- Self assessment- Diary Entry. PF- Prepare a poster showing Different types of comets and its information MA- Class test on Literature & Grammar
9.	January	23	Honeydew- 8. A Short Monsoon Diary Poem- 8. On the Grasshopper and Cricket. SR- 10. The comet — II Grammar- 24. Homophones, Homographs & Homonyms Writing- Advertisement	MA- Class test on Literature & Grammar
10.	February	22	Honeydew- 9. The Great Stone Face-I 10. The Great Stone Face-II SR- 11. Ancient Education System of India Grammar- 25. Idioms 26. Punctuation 27. British & American English. Writing- Revision	ASL SE- Debate on “An ancient education system” MA- Class test on Literature & Grammar
11.	March	23	Honeydew- Revision SR- Revision Grammar- Revision Writing- Revision	

SUBJECT: SCIENCE**Name of the Prescribed Books: NCERT TEXTBOOK, MADHUBAN LAB MANUAL**

Sr. No.	Month	No of Working Days	Topic/Unit to be completed from Textbook	SE / MA / Portfolio / Periodic Test
1.	April	21	Chapter 1 – Crop Production and Management Agricultural Practices, Crop Practices, Preparation of soil, Sowing, Irrigation, Traditional & modern methods of irrigation, Protection from weeds, harvesting, storage and animal husbandry. Experiment 1 – Selecting seeds of good quality for sowing. Experiment 2 – To see the effect of manure and fertilizers on the growth of seedlings. Chapter 2 – Microorganisms: Friend & Foe Micro-organisms, friendly microorganisms, medicinal use of microorganisms, harmful microorganisms, disease causing microorganisms, food preservation, Nitrogen fixation, Nitrogen cycle. Experiment 3 – To study different microorganisms from permanent slides.	Term 1 Subject Enrichment Activity : Collect pictures of any five other agricultural machines and paste them in a file. Write their names and uses. (Activity to be submitted after the summer vacation) Portfolio - PPT on ‘Friendly Microorganisms’ MA - CLASS TEST - Chapter 1 & 2
2.	June	23	Chapter 3 – Synthetic Fibres and plastics Characteristics of synthetic fibres, Plastic as a material of choice, Plastic & the environment. Experiment 5 – To estimate the tensile strength of different types of fibres. Chapter 4 – Materials: Metals and	MA - CLASS TEST - Chapter 3 & 4

			<p>Non-Metals Physical properties of metals and non-metals, Chemical properties of metals and non-metals, Metals reactions with acids and bases, Use of metals and non-metals.</p> <p>Experiment 6 - To find the electrical conductivity of different materials.</p> <p>Experiment 7 - To see that non-metals are acidic oxides.</p>	
3.	July	24	<p>Chapter 5 - Coal and Petroleum Inexhaustible and exhaustible, Natural resources, Coal, Story of coal, Coke, Coal tar, Coal gas, petroleum, refining of petroleum, natural gas.</p> <p>Experiment 8 - To study destructive distillation of coal.</p> <p>Chapter 6 - Combustion and Flame What is combustion? Air is essential for burning, ignition temperature, how do we control fire, types of combustion, structure of flame. Fuel efficiency, burning of fuels leads to harmful effects.</p> <p>Experiment 9 - To study different zones of a candle flame</p> <p>Chapter 7 - Conservation of plants & animals Deforestation and its causes, consequences of deforestation, Conservation of forest and wildlife, Biosphere reserve, Endemic species, Wild life sanctuaries, National Park, Red Data Book, Recycling of paper & migration, Afforestation</p>	<p>MA - CLASS TEST - Chapter 5 & 6 & 7</p> <p>Periodic Assessment - I from 11/07/2022 to 18/07/2022 (30 Marks)</p> <p>Portion - Chapters 1 to 4</p>

4.	August	22	<p>Chapter 8 - Cell structure & functions Discovery of cell, cell structure and functions, Cell organelles, Comparison of Plant and Animal cell.</p> <p>Experiment 10 & 11 - To prepare temporary stain movement of animal cell, plant cell and study its structure under a microscope.</p> <p>Chapter 9 - Reproduction in Animals Modes of reproduction, Sexual reproduction, Male reproductive organs, female reproductive organs, development of embryo, viviparous and oviparous animals, asexual reproduction.</p> <p>Experiment 12 - To study binary fission in amoeba, budding in yeast and hydra.</p>	MA - CLASS TEST - Chapter 8 & 9
5.	September	22	Revision for Term 1	Term 1 Examination from 15/09/2022 to 30/09/2022 (80 Marks) Portion - Chapters 1 to 8
6.	October	12	<p>Chapter 10 - Reaching the age of adolescence Adolescence and puberty, Changes at puberty, Secondary sexual characters, Role of hormones in initiating reproductive function, hormones other than sex hormones, drug and addiction, Reproductive health.</p>	MA - CLASS TEST - Chapter 10
7.	November	24	<p>Chapter 11 - Force and Pressure Push or Pull, Effects of force, Types of forces, Non-contact forces,</p>	MA - CLASS TEST - Chapter 11 & 12

			<p>Pressure exerted by liquids, Atmospheric pressure</p> <p>Chapter 12 – Friction Force of friction, factors affecting friction, friction: a necessary evil, increasing and decreasing friction, Wheels reduce friction, fluid friction.</p> <p>Experiment 13 – To study that force of friction depends on the nature of the two surfaces.</p>	<p>Periodic Assessment - II from 21/11/2022 to 28/11/2022 (30 Marks)</p> <p>Portion - Chapters 9 to 11</p>
8.	December	25	<p>Chapter 13 – Sound Sound produced by vibrating body, sound produced by humans, sound needs medium for propagation, we hear sound by our ears (to be continued). Loudness & pitch, Audible and inaudible sounds, Noise & music, Noise pollution, harmful effects of noise pollution, measures to limit noise pollution.</p> <p>Experiment 14 – To study that sound requires a material medium to propagate.</p> <p>Chapter 14 – Chemical effects of electric current Introduction, do liquids conduct electricity, LED bulbs, magnetic needle test, good and poor conducting liquids, chemical effects of electric current, Test conductivity of potato, Electroplating process, Uses of electroplating.</p> <p>Experiment 15 – To test whether a given liquid is a good or poor conductor of electricity.</p> <p>Experiment 16 – To study electroplating.</p>	<p>Term II</p> <p>Subject Enrichment Activity Have you heard of the campaign: “Say No to Plastics”? Coin a few more slogans of this kind. Make a poster for the same.</p> <p>Portfolio: Make a 3D model of the human ear.</p> <p>MA - Class test on Chapter 13, 14 (Activity to be submitted in the first week of January)</p>

9.	January	23	<p>Chapter 15 - Some Natural Phenomenon Lightning, charging by rubbing, Types of charges and their interaction, Transfer of charges, The story of lightning, lightning safety, earthquake, causes of earthquake, protection against earthquake.</p> <p>Chapter 16 - Light Laws of Reflection, regular and diffused reflection, multiple images, Kaleidoscope. Structure of the human eye, visually challenged people can read and write Braille systems.</p> <p>Experiment 17 - To prove the laws of reflection by using a plane mirror.</p> <p>Experiment 18 - To study the image formation by multiple reflection of light.</p> <p>Experiment 19 - To study various parts of the human eye from a model or chart.</p>	MA - Class test on Chapter 15, 16
10.	February	22	<p>Chapter 17 - Stars and Solar System Moon, Stars, Constellation, Solar system, the sun, the inner planets, the outer planets, some other members of the solar system.</p> <p>Chapter 18 - Pollution of Air and Water Air pollution, how does air get polluted, case study of Taj Mahal, Greenhouse effect and what can be done? What is potable water and how is water purified?</p>	MA - Class test on Chapter 17 & 18

11.	March	23	Revision	Term 2 Examination in first week of March (80 Marks) Portion - Term-1 - 30% Chapters 10 to 18
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SUBJECT: HINDI**Name of the Prescribed Books: वसंत भाग - ३, भारत एक खोज, व्याकरण**

Sr. No.	Month	No of Working Days	Topic/Unit to be completed from Textbook	SE / MA / Portfolio / Periodic Test
1.	April	21	वसंत ३: पाठ १. ध्वनि पाठ २. लाख की चूड़ियाँ भारत की खोज: १.अहमदनगर का किला संज्ञा, सर्वनाम, अनुच्छेद लेखन, चित्र वर्णन अपठित गद्यांश	SE :- श्रवण कौशल्य मूल्यांकन MA :-Class Test Portfolio :- पर्यायवाची शब्दों पर आधारित वर्गपहेली
2.	June	23	वसंत ३: पाठ ३. बस की यात्रा पाठ ४. दीवानों की हस्ती भारत की खोज: २. तलाश वर्ण विच्छेद, विशेषण, क्रिया, अपठित काव्यांश, पत्र लेखन. संवाद लेखन	SE :- सामूहिक चर्चा- जीवन में मौज-मस्ती के दौरान सावधान रहना भी जरूरी है I MA :- Class Test, Portfolio :- संवाद लेखन
3.	July	24	पाठ ५. चिट्ठियों की अनूठी दुनिया पाठ ६. भगवान के डाकिए पाठ ९. कबीर की साखियाँ काल, वाक्य परिवर्तन (काल, लिंग, वचन, विलोम शब्द, वाक्यांश के लिए एक शब्द) कहानी लेखन	SE :- काव्य/गीत गायन MA :- Class Test Portfolio :-पक्षी रूपी डाकिए/चिट्ठी/डाकिए पर आधारित काव्य/गीत संकलन/रचना
4.	August	22	वसंत ३: पाठ ७. क्या निराश हुआ जाए पाठ ८. यह सबसे कठिन समय नहीं भारत की खोज: ३ सिंधु घाटी की सभ्यता	SE :- कहानी सुनाना MA :- Class Test Portfolio :- नारा लेखन चित्र सहित (कोशिश करने वालों की हार नहीं होती)

			क्रिया-विशेषण,- संबंधबोधक, समुच्चयबोधक, विस्मयादिबोधक विज्ञापन	
5.	September	22	पुनरावृत्ति	SE :- श्रवण कौशल्य मूल्यांकन MA :- Class Test Portfolio :- भारत एक खोज से संबंधित जानकारी का प्रपत्र
6.	October	12	वसंत ३: पाठ १०. कामचोर पाठ ११. जब सिनेमा ने बोलना सीखा पाठ १२. सुदामा चरित भारत की खोज: ४. युगों का दौर ५ नयी समस्याएँ उपसर्ग-प्रत्यय	SE :- भूमिका निर्वहन (Role Play) MA :- Class Test Portfolio :-कार्य-प्रपत्र (सिनेमा से संबंधित),
7.	November	24	कारक, अर्थ के आधार पर वाक्य के भेद	SE :- कारक विभक्ति सहित सुनाना MA :- Class Test Portfolio :- कारक पर आधारित चार्ट
8.	December	25	वसंत ३: पाठ १३. जहाँ पहिया है पाठ १४. अकबरी लोटा भारत की खोज: ६. अंतिम दौर- एक मुहावरे,	SE :-श्रवण कौशल्य मूल्यांकन MA :- Class Test Portfolio :- प्रीटिंग कार्ड- नव वर्ष की शुभकामनाएँ
9.	January	23	वसंत ३: पाठ १५. सूर के पद पाठ १६. पानी की कहानी पाठ १७. बाज और साँप भारत की खोज: ७ अंतिम दौर - दो ८ तनाव संधि, समास,	SE :- भगवान श्रीकृष्ण के जीवन के अंश पर आधारित पीपीटी MA :- Class Test, Portfolio :- जल संरक्षण – सन्देश फीतियाँ तैयार करना
10.	February	22	वसंत ३: पाठ १८. टोपी भारत की खोज: ९ दो पृष्ठभूमियाँ – भारतीय और अंग्रेजी,	SE :- श्रवण कौशल्य मूल्यांकन MA :- Class Test Portfolio :- विज्ञापन

			उपसंहार वाक्य अशुद्धिशोधन रचनात्मक लेखन अभ्यास	
11.	March	23	पुनरावृत्ति	

SUBJECT: BASIC MARATHI

Name of the Prescribed Books: मराठी सुलभभारती

Sr. No.	Month	No of Working Days	Topic/Unit to be completed from Textbook	SE / MA / Portfolio / Periodic Test
1.	April	21	अक्षर ओळख स्वर-व्यंजन - मात्रालेखन	MA - नैसर्गिक घटकांपासून (पाने, फुले इ.) रंग तयार करणे. छोटी वाक्ये लिहिणे. (Activity)
2.	June	23	२. मी चित्रकार कसा झालो! - व्याकरण- समानार्थी, विरुद्धार्थी शब्द	MA- ३. प्रभात (कविता गायन) तोंडी परीक्षा- (Activity)
3.	July	24	४. आपण सारे एक व्याकरण- वाक्प्रचार, लिंग उजळणी	MA- पाठाचे नाट्यीकरण PT-I (Date 11/7/2022 to 18/7/2022) (पाठ/कविता- २. मी चित्रकार कसा झालो! ४. आपण सारे एक व्याकरण- समानार्थी, विरुद्धार्थी शब्द, वाक्प्रचार, लिंग)
4.	August	22	६. आभाळाची अम्ही लेकरे (कविता) व्याकरण- विरामचिन्हे	MA ५. घाटात घाट वरंधाघाट- महाराष्ट्रातील घाटांची चित्रे व माहिती जमवणे. वहीत चिकटवणे
5.	September	22	व्याकरण- विधानार्थी वाक्य लेखन- चित्रावरून निबंध उजळणी	MA- शेतकऱ्याची मुलाखत घेण्यासाठी छोटे प्रश्न तयार करणे Term-1 (Date- 15/9/2022 to 30/9/2022) (आकलन- अपठित गद्य उतारा)

				पाठ/कविता- २. मी चित्रकार कसा झालो! ४. आपण सारे एक ६. आभाळाची अम्ही लेकरे (कविता) व्याकरण- समानार्थी, विरुद्धार्थी शब्द, वाक्प्रचार, लिंग, विरामचिन्हे, विधानार्थी वाक्य लेखन - चित्रावरून निबंध/ कथा)
6.	October	12	७. नातवंडांस पत्र व्याकरण- उद्गारार्थी वाक्य	MA- (नातेसंबंध ओळखणे -तोंडी परीक्षा) (Activity)
7.	November	24	८. गिर्यारोहणाचा अनुभव व्याकरण- प्रश्नार्थी वाक्य उजळणी	MA- गिर्यारोहण किंवा पाहिलेल्या किल्ल्याचे वर्गात वर्णन करणे. त्याविषयी कमीत कमी पाच वाक्ये लिहिणे. PT-II -1(Date-21/11/2022 to 28/11/2022) (पाठ/कविता- ७. नातवंडांस पत्र ८. गिर्यारोहणाचा अनुभव व्याकरण- विधानार्थी वाक्य, प्रश्नार्थी वाक्य,उद्गारार्थी वाक्य)
8.	December	25	९. झुळूक- कविता व्याकरण- नाम, सर्वनाम, विशेषण, क्रियापद	MA- व्याकरण: नाम, सर्वनाम, विशेषण, क्रियापद- तोंडी परीक्षा
9.	January	23	१०. आम्ही हवे आहोत का? व्याकरण- जोडशब्द	MA- माझा आवडता प्राणी- त्याविषयी कमीत कमी पाच वाक्ये लिहिणे.
10.	February	22	११. जीवन गाणे - व्याकरण- आज्ञार्थी वाक्य	MA १२.शब्दकोश- मराठी शब्दकोशातून दिलेले शब्द शोधणे (Activity)
11.	March	23	उजळणी	Term-II First week of March,2023 (आकलन- अपठित गद्य उतारा पाठ/कविता- ९. झुळूक १०. आम्ही हवे आहोत का? ११. जीवन गाणे - व्याकरण- नाम, सर्वनाम, विशेषण,क्रियापद, जोडशब्द, वाक्प्रचार, आज्ञार्थी वाक्य, लेखन - चित्रावरून निबंध/ कथा)

SUBJECT: MARATHI III LANG.

Name of the Prescribed Books:

Sr. No.	Month	No of Working Days	Topic/Unit to be completed from Textbook	SE / MA / Portfolio / Periodic Test
1.	April	21	२.मी चित्रकारकसा झालो G-समानार्थी शब्द, विरुद्धार्थी शब्द , वाक्याचे प्रकार १.विधानार्थी २.आज्ञार्थी ३.प्रश्नार्थी ४.उद्गारार्थी W.S-निबंधलेखन	MA :- वर्गचाचणी
2.	June	23	३.प्रभात G-अव्यय -१.क्रियाविशेषण२.शब्दयोगीW.S- कथालेखन	MA :- वर्गचाचणी
3.	July	24	४.आपण सारे एक ५.घाटात घाट वरंधा घाट G-अशुद्धीलेखन अव्यय-३.उभयान्वयी ४. केवलप्रयोगी W.S-बातमीलेखन	MA :- वर्गचाचणी SE :- "आपण सारे एक" पाठाचे संवादवाचन
4.	August	22	६.आभाळाची आम्ही लेकरे G-वचन,लिंग W.S-पत्रलेखन-औपचारिक	MA :- वर्गचाचणी PF :- विरामचिन्हांचा त्यांची नावे,चिन्हे व उपयोग असा तक्ता बनवा.
5.	September	22	७.नातवंडास पत्र G-विरामचिन्हे W.S-सारांशलेखन	MA :- वर्गचाचणी
6.	October	12	८.गिरिरोहणाचा अनुभव ९.झुळूक G-उपसर्गशब्द W.S-जाहिरातलेखन	MA :- वर्गचाचणी
7.	November	24	१०.आम्ही हवे आहोत का ? G-वाक्यप्रकार-१.केवल २.संयुक्त ३.मिश्र W.S- आत्मवृत्तपरनिबंध	MA :- वर्गचाचणी
8.	December	25	११.जीवनगाणे G-काळ, W.S-संवादलेखन	MA :- वर्गचाचणी PF :- नदी व समुद्र यांच्यातील संवाद लिहा.

9.	January	23	१२.शब्दकोश W.S-म्हणीलेखन	MA :- वर्गचाचणी SE :- 10 म्हणींचा तक्ता बनवा.
10.	February	22	१३.संतवाणी G-अशुद्धीलेखनW.S-सुचनालेखन	MA :- वर्गचाचणी
11.	March	23	Revision	

SUBJECT: MATHEMATICS

**Name of the Prescribed Books:1. Mathematics Textbook for Class VIII (N.C.E.R.T)
2. Laboratory Manual for Mathematics (Madhubun)**

Sr. No.	Month	No of Working Days	Topic/Unit to be completed from Textbook	SE / MA / Portfolio / Periodic Test
1.	April	21days Teaching periods (25)	Two Periods: One period for Settling down students and one period for Introduction of the course structure. Ch.1. Rational Numbers (10 Periods) Ch. 2. Linear Equations in One Variable (12 Periods) One Period – Class Test	M.A. Class Test: -Chapter 1 & 2 (combined). Portfolio Activity: - Notebook & Worksheets Evaluation of Ch.1 & 2 Summer Break Home Assignments: S.E.A:-Individual work 1. Prepare a short film on rational numbers. Time: 2 min, slides = 20minimum. Put your own voice for explanation or silent music. 2. Make any four attractive and beautiful Textile design/Tessellation patterns using geometrical shapes/figures.

2.	June	23 Teaching periods (26)	<p>3. Understanding Quadrilaterals (10 Periods)</p> <p>Ch. 4. Practical Geometry (8 Periods)</p> <p>Ch 5. Data Handling (5 Periods)</p> <p>Two Periods- Math Lab Activity One Period – Class Test</p>	<p>M. A. Class Test: - Chapter 3 & 4(combined) **Oral Test:-Viva Voce Questions from Lab Activity 4 & 5. **Maths Lab Manual assignment: Ch. 3 & 4(H.W.)</p> <p>Art Integration Activity with Yoga:- Take a self-image while doing Yoga and make a Collage on different shapes and angles formed in various yoga poses.</p> <p>Maths Lab Activity 4: To verify that the sum of measures of interior angles of a quadrilateral is 360.</p> <p>Maths Lab Activity 5: To show experimentally that sum of the measure of the exterior angles of a polygon formed by producing sides taken in order is 360.</p> <p>Portfolio Activity: - 1. Notebook & worksheet evaluation-Ch. 3 & 4 2. Summer break Assignments Evaluation</p>
3.	July	24 Teaching periods(28)	<p>Ch 5. Data Handling (5 Periods)</p> <p>Revision (3 periods)</p> <p>P.A.-1 (8 days)</p> <p>Ch. 6. Squares and Square Roots</p>	<p>Periodic Assessment-I (11.07.2022 To 18.07.2022) PA 1 Syllabus(Tentative): (30 Marks) _Ch.1:- Rational Numbers Ch.2:- Linear Equations in One Variable. Ch.3:- Understanding Quadrilateral Ch.4:- Practical Geometry 60.</p>

			(10 Periods) One Period-Math Lab Activity One Period – Class Test	M.A. Activity Class Test: - Chapter 5 & 6 Oral Test: - Ch. 5 & 6: Viva Voce Questions from Lab Manual. **Maths Lab Manual assignment: - 5, 4(H.W.) S.E. Activity: - Maths Lab Manual Project 3: <u>Data Representation:</u> Collect the information about the heights of grade 8 th students in your school. Arrange the collected data in a grouped frequency table using tally marks and also represent it pie graph/histogram. Portfolio Activity: - Notebook & Worksheets Evaluation:- Ch.5 & 6
4.	August	22 Teaching periods(25)	Ch. 6. Squares and Square Roots continued...(3 Periods) Ch. 7. Cubes and Cube Roots (7 periods) Ch. 8. Comparing Quantities (14 Periods) One Period – Class Test	M.A. Activity Class Test:- Chapter 6, 7 & 8 (combined) Oral Test: - Ch. 7 & 8: Viva Voce Questions from Lab Manual. **Maths Lab Manual assignment: - 6, 7 & 8(H.W.) Portfolio Activity:- 1. Write the important rules/facts about square numbers, square roots, cube numbers & cube roots in a creative way. 2. Notebook & worksheets Evaluation: -Ch.6,7,8

5.	September	22 Teaching periods (25)	Ch. 9 Algebraic Expressions and Identities (4 Periods) Revision of Term 1 Exam (9 Periods)	TERM-I EXAMINATION (80 Marks) (15.09.22 To 30.09.22)
6.	October	12 Teaching periods (14)	Ch.9 Algebraic Expressions and Identities Continued..... (7 Periods) Ch.10 Visualising Solid Shapes (6 Periods) One Period – Class Test	M.A. Activity Class Test:- chapter 9 & 10 Oral Test:- Ch. 9: Viva Voce Questions from Lab Manual. Maths Lab Manual Assignment: 9 &10 Maths Lab Activity 9 & 10. To verify algebraic Identities I, II & III by paper cutting and pasting S.E.Activity:- Model Making (Two different types of prisms and pyramid) and verify Euler's formula ($F + V - E = 2$) for the model. Portfolio Activity: - 1. Notebook & worksheets Evaluation: -ch.9, 10. 2. Prepare flowcharts/concept maps/mind maps on the following any two chapters: (Chapters:-1, 2, 3, 4, 5, 6, 7, 8, 9, 10)
7.	November	24 Teaching periods (28)	Ch. 11 Mensuration (15 Periods) Revision (3 periods) One Period – Class Test One Period-Math Lab Activity	M.A. Activity Class Test: - Chapter 11 Oral Test: - Ch. 11: Viva Voce Questions from Lab Manual. ** Maths Lab Manual Assignments 11 SEA: Art Integrated Individual Project:- Make a beautiful puppy house by using cardboards and find perimeter and areas of different shapes used in making it. Maths Lab Activity 14:

				<p>To obtain a formula for the area of a trapezium by paper cutting and pasting.</p> <p>Maths Lab Activity 16: To derive the formula for the total surface area of a cuboid.</p> <p>Portfolio Activity: - 1. Formulae Book on term II topics 3. Notebook Evaluation:-ch.11 Periodic Test-III (21.11.21 To 28.12.21)</p>
8.	December	25 Teaching periods (28)	<p>Ch. 12 Exponents and Powers (8 Periods)</p> <p>Ch. 13 Direct and Inverse Proportions (10 Periods)</p> <p>Ch. 14 Factorisation (5 Periods)</p> <p>Math Week Celebration-(3 Periods)</p> <p>One Period – Class Test One Period – Math Lab Activity</p>	<p>M.A. - Class Test: - chapter 12 & 13 Oral Test: - Ch. 13: Viva Voce Questions from Lab Manual. ** Maths Lab Manual Assignments 12 &13 (H.W.)</p> <p>Portfolio Activity:- 2. Notebook Evaluation:-ch.12,13.</p>
9.	January	23 Teaching periods (29)	<p>Ch. 14 Factorisation continued.... (9 Periods)</p> <p>Ch. 15 Introduction to Graphs (8 Periods)</p> <p>Ch. 16 Playing with Numbers (Only for SEA)- 4 (periods) One Period – Class Test</p>	<p>M.A. Activity Class Test: - chapter 14 &15 Oral Test: - Ch. 11: Viva Voce Questions from Lab Manual. ** Maths Lab Manual Assignments 14,&15 (H.W.)</p> <p>S.E. Activity: Maths Lab Project 5. Line Graph Maths Lab Activity 20:(SEA) To observe some given number</p>

			One Period – Math Lab Activity	patterns, understand and generalize them and write their next five steps. Portfolio Activity:- Notebook Evaluation: -ch.14 &15
10.	February	22	Revision of Term II	
11.	March	23		TERM II EXAM

SUBJECT: BASIC SANSKRIT

Name of the Prescribed Books:

Sr. No.	Month	No of Working Days	Topic/Unit to be completed from Textbook	SE / MA / Portfolio / Periodic Test
1.	April	21	प्रथमः पाठः - सुभाषितानि । द्वितीयः पाठः - बिलस्य वाणी न कदापि मे श्रुता ।	
2.	June	23	तृतीयः पाठः - डिजीभारतम् । चतुर्थः पाठः - सदैव पुरतो निधेहि चरणम्।	
3.	July	24	पञ्चम पाठः - कण्टकेनैव कण्टकम्	प्रथमापरीक्षा { PERIODIC TEST I 11/07/2022 to 18/07/2022 Portion Lesson No.1,2,3,4
4.	August	22	सप्तमः पाठः- भारतजनताऽहम्।	SE - षष्ठः पाठः - गृहं शून्यं सुतां विना।
5.	September	22	सरावः ।	TERM I EXAMINATION {15/09/2022 to 30/09/2022 Portion Lesson No.1to 7
6.	October	12	अष्टमः पाठः - संसारसागरस्य नायकाः ।	
7.	November	24	नवमः पाठः - सप्तभगिन्यः । दशमः पाठः- नीति नवनीतम् ।	द्वितीया परीक्षा { PERIODIC TEST II 21/11/2022 to 28/11 /2022

				Portion Lesson No.8,9,10,11
8.	December	25	एकादशः पाठः - सावित्री बाई फुले । द्वादशः पाठः - कः रक्षति कः रक्षितः ।	
9.	January	23	त्रयोदशः पाठः - क्षितौ राजते भारतस्वर्ण भूमिः । व्याकरण -	SE - चतुर्दशः पाठः - आर्यभटः ।
10.	February	22	पञ्चदशः पाठः - प्रहेलिका । सरावः ।	
11.	March	23	सरावः ।	TERM II EXAMINATION { LESSON NO- 8 TO 15

SUBJECT: SANSKRIT III LANG.

Name of the Prescribed Books:

Sr. No.	Month	No of Working Days	Topic/Unit to be completed from Textbook	SE / MA / Portfolio / Periodic Test
1.	April	21	प्रथमः पाठः - सुभाषितानि । द्वितीयः पाठः - बिलस्य वाणी न कदापि मे श्रुता । व्याकरण - प्रश्ननिर्माणम् ।	MA - १.सुभाषितानि । + २.बिलस्य वाणी न कदापि मे श्रुता । CLASS TEST Portfolio - प्रश्ननिर्माणम् ।
2.	June	23	तृतीयः पाठः - डिजीभारतम् । चतुर्थः पाठः - सदैव पुरतो निधेहि चरणम् । व्याकरण - सन्धि , अव्यय ,	SE - षष्ठः पाठः - गृहं शून्यं सुतां विना । MA - डिजीभारतम् + सदैव पुरतो निधेहि चरणम् । CLASS TEST
3.	July	24	पञ्चम पाठः - कण्टकेनैव कण्टकम् । सरावः । व्याकरण - कथा, विलोमपदानि ।	प्रथमापरीक्षा { PERIODIC TEST I 11/07/2022 to 18/07/2022 Portion Lesson No.1,2,3,4 Grammar - प्रश्ननिर्माणम् सन्धि , अव्यय विलोमपदानि ।,
4.	August	22	सप्तमः पाठः- भारतजनताऽहम् । व्याकरण -यथानिर्देशम् कुरुत । प्रत्यय ,अपठित गद्यम् ,	MA - भारतजनताऽहम् । CLASS TEST
5.	September	22	सरावः ।	TERM I EXAMINATION { 15/09/2022 to 30/09/2022 Portion Lesson No.1to 7

				Grammar- प्रश्ननिर्माणम्, कथा, विलोमपदानि, यथानिर्देशम् कुरुत प्रत्यय अपठित गद्यम्, सन्धि, अव्यय, चित्रवर्णनम्
6.	October	12	अष्टमः पाठः - संसारसागरस्य नायकाः	MA- संसारसागरस्य नायकाः CLASS TEST
7.	November	24	नवमः पाठः - सप्तभगिन्यः दशमः पाठः- नीति नवनीतम्	द्वितीया परिक्षा { PERIODIC TEST II 21/11/2022 to 28/11 /2022 Portion Lesson No.8,9,10,11 Grammar
8.	December	25	एकादशः पाठः - सावित्री बाई फुले द्वादशः पाठः - कः रक्षति कः रक्षितः	Portfolio -नीति नवनीतम् MA सावित्री बाई फुले + कः रक्षति कः रक्षितः सप्तभगिन्य CLASS TEST
9.	January	23	त्रयोदशः पाठः - क्षितौ राजते भारतस्वर्ण भूमिः व्याकरण -	SE - चतुर्दशः पाठः - आर्यभटः MA क्षितौ राजते भारतस्वर्ण भूमिः CLASS TEST
10.	February	22	पञ्चदशः पाठः - प्रहेलिका सरावः	MA- प्रहेलिका CLASS TEST
11.	March	23	सरावः -	TERM II EXAMINATION {LESSON NO- 8 TO 15 Grammar

SUBJECT: SST**Name of the Prescribed Books:****1] Our Past-III****2] Resource and Development****3] Social and Political life-III**

Sr. No.	Month	No of Working Days	Topic/Unit to be completed from Textbook	SE / MA / Portfolio / Periodic Test
1.	April	21	History- Our Past-III 1.How, When and Where Geography-Resource and Development 1.Resources Civics- Social and Political life-III 1.The Indian Constitution	SEA: Activity-1 : Web Chart Prepare a web chart showing different types of resources with categories and sub-categories of resources like Natural Human-made. 1. Activity-1 : Designing Preamble' Design a preamble for your school abiding to all the rights and duties of all the students in school. You can also take hint from preamble of 'Constitution of India'. MA: Class test
2.	June	23	History- Our Past-III 2.From Trade to Territory Geography-Resource and Development 2.Land,Soil, Water, Natural	MA: class test Activity-'Dialogue Writing' between Siraj-udDaulah and Robert Clive, discussing the pre-war negotiations, before the Battle of Plassey. Activity-2 : Slogan Writing

			Vegetation and Wildlife Resources	Write slogans on the theme 'Water Conservation' / Proper Management of Resources
3.	July	24	History- Our Past-III 3.Ruling the countryside Geography-Resource and Development 3. Mineral and Power Resources	Activity- Prepare a comparative analysis of structure of Indigo Cultivation during 'Pre-Colonial' and 'Post-Colonial' times. Discuss the importance of Indigo Cultivation for British Economy during 19th century and Indian Economy during 21st century. PERIODIC ASSESSMENT – I (11.07.2022 – 18.07.2022) History- Our Past-III 1.How, When and Where 2.From Trade to Territory 3.Ruling the countryside Geography-Resource and Development 1.Resources 2.Land,Soil, Water, Natural Vegetation and Wildlife Resources Civics- Social and Political life-III 1.The Indian Constitution
4.	August	22	History- Our Past-III 4.Tribal,Dikus and the Vision of a Golden Age	MA: Activity-1 : Case Study Prepare a case study of any one country other than India, discussing the idea of

			<p>Geography-Resource and Development</p> <p>4.Agriculture</p> <p>Civics- Social and Political life-III</p> <p>2.Understanding Secularism</p>	<p>'Secularism' according to them. You can discuss the religious policy, religious harmony or conflicts among different groups in that country while comparing it with secularism in India</p> <p>Activity1: Data Collection / Find out Find out different names of shifting cultivation in different parts of the world. Also give your views on whether shifting cultivations should be banned or not.</p>
5.	September	22	<p>History- Our Past-III</p> <p>5. When People Rebel 1857 and After</p> <p>6. Weavers, Iron Smelters and Factory Owners</p> <p>Civics- Social and Political life-III</p> <p>3. Why do we need a Parliament?</p>	<p>Activity-2: Watch a Parliament session in progress and follow the question asked during question Hour. Do you think the debates and the questions asked were genuine? Suggest some ways to make these debates more productive.</p> <p>TERM - I ASSESSMENT (15.09.2022 – 30.09.2022)</p> <p>History- Our Past-III</p> <p>1. How, When and Where 2. From Trade to Territory 3. Ruling the countryside</p> <p>Geography-Resource and Development</p>

				<p>1.Resources 2.Land,Soil, Water, Natural Vegetationand Wildlife Resources 3. Mineral and Power Resources 4.Agriculture</p> <p>Civics- Social and Political life-III</p> <p>1.The Indian Constitution 2.Understanding Secularism 3. Why do we need a Parliament?</p>
6.	October	12	<p>History- Our Past-III 7. Civilising the 'Native', Educating the nation</p> <p>Geography-Resource and Development 5. Industries</p> <p>Civics- Social and Political life-III</p> <p>4. Understanding Laws</p>	<p>Activity-1: Compare the modern educational system found in India with the system of Pathshalas found before the British came to India. Draw or paste pictures of both the types of educational institutions.</p> <p><u>Activity 2: Field trip – Factory Visit</u></p> <p>Activity 3: Research and conduct a discussion on the recent controversial laws passed by the government. Discuss their merits, demerits and the outbreak of the various kind of protests due to them.</p>
7.	November	24	<p>History -Our Past-III 8. Women, caste and reform</p> <p>Civics- Social and Political life-III</p>	<p><u>Activity 1: Any woman achiever to be called for a motivational session with the students.</u></p> <p>Activity 2: Create a court room</p>

			<p>5. Judiciary</p>	<p>scenario involving a civil case.</p> <p>PERIODIC ASSESSMENT – II (21.11.2022 – 28.11.2022)</p> <p>History- Our Past-III</p> <p>5. When People Rebel 1857 and After</p> <p>6. Weavers, Iron Smelters and Factory Owners</p> <p>7. Civilising the 'Native', Educating the nation</p> <p>Geography-Resource and Development</p> <p>5. Industries</p> <p>Civics- Social and Political life-III</p> <p>4. Understanding Laws</p>
8.	December	25	<p>History-Our Past-III</p> <p>9. The making of the National movement; 1870s-1947</p> <p>Geography-Resource and Development</p> <p>6. Human Resources</p> <p>Civics-Social and Political life-III</p> <p>6. Understanding our criminal justice system</p>	<p>Map Work:</p> <p>Activity 1- Locate the important centres of Nationalist Movement and places of important sessions of Congress.</p> <p>Activity 2: Draw the pyramid graph of population distribution of India (male and female) of 2016 and 2019 and compare and analyse them in your own words.</p> <p>Activity 3: Design a sample FIR related to any crime that has</p>

				happened in your locality.
9.	January	23	<p>History-Our Past-III</p> <p>10. India after Independence</p> <p>Civics-Social and Political life-III</p> <p>7. Understanding Marginalisation</p> <p>8. Confronting Marginalisation</p>	<p>Activity 1: Debate on 'Formation of Linguistic States has integrated India'? Prepare a report on the debate after conducting it in the class.</p> <p>Activity 2: Find out and compare the lifestyle of Adivasis from Maharashtra and Orissa. Provide pictures of the various lifestyle activities done by them</p>
10.	February	22	<p>Civics-Social and Political life-III</p> <p>9. Public Facilities</p> <p>10. Law and Social justice</p>	<p>Activity 1: Design a poster on how to use and keep public facilities clean.</p> <p>Activity 2: Research and make a PPT on the various labour laws and their uses.</p>
11.	March	23		

SUBJECT: ICT**Name of the Prescribed Books: Advanced Computer with Coding & Artificial Intelligence (TUK Publications)**

Sr. No.	Month	No of Working Days	Topic/Unit to be completed from Textbook	Practical Assignments (1 each month) / Periodic Test
1.	April	21	L.No. 1 Network Technologies	<ul style="list-style-type: none">● Practical - Lab Activity Pg. No. 22● Portfolio -NA● MA - Class Test (10 marks)
2.	June	23	L.No. 2 Microsoft Access 2016	<ul style="list-style-type: none">● Practical - Lab Activity Pg. No. 44● Portfolio - NA● MA - Class Test (10 marks)
3.	July	24	L.No. 3 Exploring HTML5	<ul style="list-style-type: none">● Practical - Lab Activity Pg. No. 63● Portfolio - NA● MA - Class Test (10 marks)
4.	August	22	L.No. 4 Programming in Python	<ul style="list-style-type: none">● Practical - Lab Activity Pg. No. 81● Portfolio - NA● MA - Class Test (10 marks)
5.	September	22	Revision L.No. 1,2,3 & 4	
6.	October	12	L.No. 5 Adobe Photoshop CC	<ul style="list-style-type: none">● Practical - Lab Activity Pg. No. 103● Portfolio - NA● MA - Class Test (10 marks)
7.	November	24	L.No.6 Introduction to Visual Basic 2010	<ul style="list-style-type: none">● Practical - Lab Activity Pg. No. 122 & 123● Portfolio - NA● MA - Class Test (10 marks)
8.	December	25	L.No.7 More on Visual Basic 2010	<ul style="list-style-type: none">● Practical - Lab Activity Pg. No. 141● Portfolio - NA

				<ul style="list-style-type: none">• MA - Class Test (10 marks)
9.	January	23	L.No. 8 Artificial Intelligence	<ul style="list-style-type: none">• Using all features of MS PowerPoint 2016, Create a Presentation on Artificial Intelligence
10.	February	22	Revision L.No. 5,6,7 & 8	
11.	March	23	Annual Exam	