MAEER's MIT Pune's

VISHWASHANTI GURUKUL SCHOOLS

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

SUBJECT : ENGLISH

Name of the Prescribed Books: Beehive & Moments Supplementary reader

Sr. No.	Month	No of Working Days	Topic/Unit to be completed from Textbook	Activity & Worksheet
1.	**April**	**22**	**Beehive:** The Fun They Had **Supplementary Reader:** The Lost Child The adventures of Toto **Grammar:** Subject- verb agreement, Modals **Writing Skill:** Story Writing	Worksheets as per topics (TB & SR) Grammar worksheet Topic/Unit to be completed from Textbook Topic/Unit to be Grammar and Comprehension A **Debate** on the topic, "Virtual classroom VS Physical classroom"
2.	**June**	**24**	**Beehive:** The Sound of Music, The Road Not Taken	**Introductory Speech**-Imagine the famous singer Pralhad Shinde is going to visit your school. You have been asked to introduce him to the audience.
3.	**July**	**20**	**Beehive:** The Little Girl, A truly beautiful mind	**Compose a poem** based on your father.

			Wind **Supplementary Reader**: In the Kingdom of Fools **Grammar**: Reported Speech: Statements, Questions **Writing Skill**: Descriptive Paragraph on a person.	
4.	**August**	**23**	**Beehive:** My Childhood, **Supplementary Reader:** The Happy Prince **Grammar:** Reported Speech - Commands & Request. Determiners	**Story writing/Narration**
5.	**September**	**20**	**Beehive:** The rain on the roof, A Legend of Northland, **Grammar: -**Tenses **Writing Skill: Revision-**Short Story (based on beginning line, outline, cues etc.)	**Compose a poem** based on the theme of rain. **ASL**
6.	**October**	**21**	**Beehive:** Packing No Men are Foreign **Supplementary Reader:** The Last Leaf **Grammar-** Tenses & Subject Verb agreement Revision	

7.	**November**	**14**	**Beehive:** Reach for the Top On Killing a tree **Supplementary Reader:** Weathering the storm in Ersama **Grammar:** Integrated Grammar Exercises **Writing Skill:** Revision	**Poster making- Art Integrated-** Highlighting the brutal process of killing trees.
8.	**December**	**23**	**Beehive:** The Bond of Love If I were you **Supplementary Reader:** A House is not a home **Grammar:** Integrated Grammar Exercises **Writing Skill:** Revision	**Dramatization** (Role play)
9.	**January**	**22**	**SR** - The Beggar **Poem**- The Snake Trying **Revision Term-II Portion**	**ASL**
10.	**February**	**21**	Revision Term-II Portion	
11.	**March**	**20**		

TEXTBOOK/SECTIONS	BEEHIVE	SR-MOMENT	GRAMMAR	COMPOSITION
DELETED PORTION	**PROSE -** 1. The Snake and the Mirror 2. Kathmandu **POEMS-** 1. The Lake Isle of Innisfree 2. The duck and the Kangaroo 4. A Slumber Did My Spirit	**LESSONS -** 3. Ishwaran the storyteller 4. The Accidental Tourist	1. Use of Passive Voice 2. Clauses: Noun, Adverb Clauses of condition and time, Relative 3. Prepositions	1. Letter Writing (Enquiry, Order, Complaint)- 2. Diary entry based on visual or verbal cue/s 3. Writing an analytical paragraph based on a given outline/ Data/ Chart/ Cue/s (word limit 100-120 words)

SUBJECT : HINDI

Name of the Prescribed Books : स्पर्श-1, संचयन-1, व्याकरण

Sr. No	Month	No of Working Days	Topic/Unit to be completed from Textbook	Grammar	Creative Writing	Activity& Worksheet
1.	**April**	**22**	कवता १ रैदास के पद कहानी १ गल्लू	वर्ण, वर्णमाला, अनुस्वार, अनुनासक, नुक्ता अपठित गद्यांश तथा अपठित काव्यांश,	संवाद लेखन , अनुच्छेद लेखन , पत्र लेखन	1 पक्षयों का मधुर कलरव – अनुच्छेद/कहानी लेखन 2. वचाराभव्यक्ति/वाद-ववाद :- क्या पशुओं को पालना उचत है?
2.	June	**24**	पाठ २ दुःख का अधकार पाठ ३. एवरेस्ट: मेरी शखर यात्रा कवता २. रहीम के दोहे कहानी २. स्मृति	अपठित गद्यांश तथा काव्यांश, श्रुतिसम भन्नार्थक शब्द	पत्र लेखन (अनौपचारिक) नारा लेखन	१. लेखक श्री यशपाल जी के जीवन के बारे में जानकारी एकत्रित कर चत्र सहित प्रस्तुत कीजिएI O R मानवाधकारों की सूची तैयार कर उनके बारे में संक्षिपत जानकारी प्रदान कीजिएI २. तिब्बती क्षेत्र की वशेषताओं पर आधारित कार्य प्रपत्र I / हिमालय पर्वत श्रृंखला के बारे में रोचक जानकारी प्रदान कीजिए।

						३. कन्हीं तीन संत कवयों के जीवन पर आधरित कार्य प्रपत्र चत्र सहित तैयार कीजिए।
3.	July	**20**	पाठ ४. तुम कब जाओगे अतिथ	मुहावरे, पर्यायवाची शब्द, वलोम शब्द	सन्देश लेखन	१. अतिथ तुम कब जाओगे OR गेस्ट इन लंदन फल्म देखए और उस फल्म की समीक्षा लखए। ३. वर्ग पहेली ४. वचाराभव्यक्ति:- आपको कोई एक व्यक्ति क्यों अच्छा लगता है।
4.	August	**23**	कवता ४- एक फूल की चाह	अर्थ के आधार वाक्य के भेद, उपसर्ग , प्रत्यय	संवाद लेखन, पत्र लेखन (अनौपचारिक), सन्देश लेखन, नारा लेखन	१. अतिथ तुम कब जाओगे OR गेस्ट इन लंदन फल्म देखए और उस फल्म की समीक्षा लखए। २. झुग्गी-झोपड़ी जैसे क्षेत्रों में होने वाले लघु उद्योगों की सूची तैयार कीजिए। ३. भारतीय वैज्ञानिकों की सूची और उनके द्वारा की खोजों से सबंधत जानकारी प्रदान करना। ४. वाक्य के भेद- चार्ट ५. महामारी से बचने के लए जागरूकता प्रचार
5.	Septemb er	**20**	पाठ ७. धर्म की आड़,	पर्यायवाची शब्द, वलोम शब्द,	अनुच्छेद लेखन	१. मटटी भरे अंगूठे/उँगलयों से चत्रकारिता। २. मटटी से बनी वस्तुओं की सूची और उनकी हमारे जीवन में उपयोगता।

				श्रुतिसम भन्नार्थक शब्द		
6.	October	**21**	पाठ ७. धर्म की आड़, कहानी ५. हामद खाँ, कहानी ६. दीये जल उठे	अर्थ के आधार पर वाक्य के भेद- Revision	संवाद लेखन, पत्र लेखन (अनौपचारिक)	१. 'मज़हब नहीं सखाता आपस में बैर रखना' अपने वचार प्रस्तुत कीजिएI (मौखक) २. क्रांतिकारियों के द्वारा रचत रचनाओं का संकलन कीजिए। ३ पाठ के आधार पर हामद और लेखक के बीच सवांद प्रस्तुति।
7.	Novembe r	**14**	७.२ खुशबू रचते हैं हाथ	अर्थ के आधार पर वाक्य के भेद	संदेश लेखन, नारा लेखन	१. जल संरक्षण – सन्देश फीतियाँ तैयार करना २. सौर ऊर्जा मंडल दर्शाना।
8.	Decembe r	**23**	पुनरावृत्त एवं परीक्षा	पुनरावृत्त एवं परीक्षा	पुनरावृत्त एवं परीक्षा	१. वर्ग पहेली २. वचार प्रस्तुति, ३. श्रवण कौशल्य Subject enrichment activity- Reading and listening skill test
9.	January	**22**	पुनरावृत्त एवं परीक्षा	पुनरावृत्त एवं परीक्षा	पुनरावृत्त एवं परीक्षा	
10.	February	**21**	पुनरावृत्त एवं परीक्षा	पुनरावृत्त एवं परीक्षा	पुनरावृत्त एवं परीक्षा	

11.	March	**20**	पुनरावृत्त एवं परीक्षा	पुनरावृत्त एवं परीक्षा	पुनरावृत्त एवं परीक्षा	

Deleted Portion :

Topic/Unit to be completed from Textbook
स्पर्श भाग-१ पाठ १. धूल पाठ - वैज्ञानिक चेतना के वाहक सी वी रामन पाठ ५- कीचड़ का काव्य पाठ - शुक्रतारे के समान कवता- आदमीनामा कवता - अग्निपथ कवता- नए-इलाके में कवता-गीत अगीत संचयन- भाग-१ कहानी-३ कल्लो कुम्हार की ऊनकोटी कहानी- ५- मेरा छोटा सा निजी पुस्तकालय

We need to evaluate four skill i.e. LSRW in children.

We have suggested lesson based one or two activity in the annual plan. Among these activity teacher can evaluate one of the activity as a subject enrichment activity which can cover speaking skill evaluation part.

Teacher can keep record of regular reading session of the class and evaluate it as a part of reading skill test or can conduct reading activity separately for I to VIII. But for IX and X we have to conduct reading session separately to keep record of it

And we need to conduct listening skill test at least once in a term.

Writing part always be there in the form of class work, homework and different periodic test/Evaluation test.

व्याकरण और रचनात्मक लेखन के ववध भाग या वषय सत्र योजना में माह के अनुसार वभाजित कए गए हैं । अध्यापक पाठ्यपुस्तक में दिए गए सहायक स्वाध्याय प्रश्नों को हल करने के दौरान छात्रों से वषय से संबंधत चर्चा करते हुए आवश्यकतानुसार पढ़ा सकते हैं ।

SUBJECT : MARATHI

Name of the Prescribed Book : अक्षरभारती

Sr. No.	Month	No of Working Days	Topic/Unit to be completed from Textbook	Grammar	Creative Writing	Activity& Worksheet
1.	April	22	२)संतवाणी अ)-भेटीलागी जीवा	समानार्थी शब्द वरुद्धार्थी शब्द	निबंध - वर्णनात्मक	बहिणाबाई चौधरी यांचे अभंग मळवून वाचन करणे व लहिणे
2.	June	24	३)बेटा मी ऐकतो आहे ४)जी.आय.पी.रेल्वे	नाम , सर्वनाम , समानार्थी शब्द क्रयापद	पत्रलेखन - अनौपचारिक	कथेचे संवादरुपाने सादरीकरण टेलफोन, स्वयंपाकासाठीचा गॅस, संगणक यांसारख्या आधुनिक साधनांपैकी कोणत्याही एका साधनाचा पूर्व इतिहास जाणून घेऊन तो रंजक पद्धतीने लहिणे.
3.	July	20	५)व्यायामाचे महत्व ६)ऑलम्पिक वर्तुळांचा गोफ	समास काळ	निबंध - आत्मवृत्त	सन २०१६ साली झालेल्या ऑलंपक सामन्यातील सुवर्ण, रजत व कांस्यपदक मळवणाऱ्या खेळाडूंची माहिती

						आंतरजालाचा वापर करून तक्त्यात लहा.
4.	August	23	७)दिव्याच्या शोधामागचे दिव्य	वाक्प्रचार केवलप्रयोगी अव्यय	कथालेखन	अपठित उतारा वाचून प्रश्नांची उत्तरे लहा. .
5.	Septe mber	20	RR - व्हेनिस उजळणी	शब्दयोगी अव्यय उभयान्वयी अव्यय	कल्पनावस्ता रात्मक निबंध	प्र. ५. तुम्ही पाहिलेल्या ,तुम्हाला आवडलेल्या कोणत्याही स्थळाचे सचत्र वर्णन तुमच्या शब्दांत करा ,
6.	Octobe r	21	-- ८)सखू आजी ११)आभाळात ल्या पाऊलवाटा	वाक्यांचे प्रकार	उजळणी	उजळणी पक्षी निरीक्षणातून पक्ष्यांच्या जीवनपद्धतीसंबंधी तुमची मते सवस्तर लहा

7.	November	14	२)संतवाणी - आ)संतकृपा झाली १५)माझे शिक्षक व संस्कार	वचन बदला लंग बदला	पत्रलेखन - (लफाफा आवश्यक) औपचारिक	तुमचे प्राथमक शाळेतील शिक्षक आठवा व त्यांतील अवस्मरणीय शिक्षकांशी संबंधत असलेल्या तुमच्या आठवणी लहा.
8.	December	23	१३)तिफन १६)शब्दांचा खेळ RR - वश्वकोश	क्रयावशेषण अव्यय केवलप्रयोगी अव्यय	पत्रलेखन - अनौपचारिक (लफाफा आवश्यक)	'माझी जीवनकहाणी - हेलन केलर, अनुवाद - माधव कर्वे, हे पुस्तक मळवून वाचा.
9.	January	22	उजळणी CLASS TEST	उजळणी	उजळणी CLASS TEST	
10.	February	21	उजळणी CLASS TEST	उजळणी	उजळणी CLASS TEST	
11.	March	20	उजळणी CLASS TEST	उजळणी	उजळणी CLASS TEST	

DELETED PORTION 2021-22

अ.क्र.	पाठ / क वता / स्थूलवाचन
१.	सर्वात्मका शवसुंदरा (प्रार्थना)
२.	कुलूप
३.	ते जीवनदायी झाड
४.	उजाड उघडे माळरानही (क वता)
५.	पुन्हा एकदा (क वता)
६.	काझीरंगा (स्थूलवाचन)
७.	हास्य चत्रातली मुलं (स्थूलवाचन)

- निबंध , पत्रलेखन (लफाफ्या सहित) हे वषय अंतर्गत मूल्यमापनामध्ये समा वष्ट केले आहेत.त्यांचे मूल्यमापन चाचणी परीक्षेत करण्यात यावे.

SUBJECT : SANSKRIT

Name of the Prescribed Books: शेमुषी - प्रथमो भाग: |

Sr. No.	Month	No of Working Days	Topic/Unit to be completed from Textbook	Activity& Worksheet
1.	**April**	**22**	१. भारतीवसन्तगीति: **|** २. स्वर्णकाक: **|** सन्धय :,अपठीत गद्यम ,	भारतीवसन्तगीति: **- WS**
2.	**June**	**24**	३. गोदोहनम् **|** कारक:, पत्रलेखनम ,	गोदोहनम् **|** - **ACTIVITY**
3.	**July**	**20**	५. सूक्तिमौक्तिकम् **|** ६. भ्रान्तो बाल: **|**	भाषककार्यम्- **WS** भ्रान्तो बाल: **|** - **WS**
4.	**August**	**23**	प्रत्यया: |उपसर्गा: | चत्रवर्णनं |	
5.	**September**	**20**	सराव: | **TEST**	सराव: | **TEST**

6.	**October**	**21**	९. सकतासेतु: | १०. जटायो: शौर्यम् |	जटायो: शौर्यम् |- **WS**
7.	**November**	**14**	११. पर्यावरणम् |	पर्यावरणम् | - **ACTIVITY**
8.	**December**	**23**	अनुवाद:|	
9.	**January**	**22**	सराव: |	
10.	**February**	**21**	सराव: |	
11.	**March**	**20**	सराव: |	

DELETED PORTION	गद्य पद्य च | ४. कल्पतरु: | ७. प्रत्य भज्ञानम् | ८. लौहतुला | १२.वाङ्मन:प्राणस्वरूपम् |	व्याकरण रचनात्मककार्यं च | १. स्वर सन्धि: - वृध्दि: | २. वसर्ग सन्धि: - रत्वं | ३.समास: |

SUBJECT : SCIENCE

Name of the Prescribed Books : NCERT Textbook and S. Chand Publication Book for Science

Sr. No.	Month	No of Working Days	Topic/Unit to be completed from Textbook	Activity & Worksheet	Practical
1.	**April**	**22**	**Physics- Chapter 8. Motion:** Motion: Distance and displacement, velocity; uniform and non-uniform motion along a straight line; acceleration,	**Weekly Test 1, 2, 3**	
			Biology - Chapter 5. The fundamental unit of life: Cell as a basic unit of life; prokaryotic and eukaryotic cells, multicellular organisms; cell membrane and cell wall, cell organelles and cell inclusions; chloroplast,		**Biology - Experiment -5:** Observation and making of temporary mount of Cell in Onion peel and human cheek cells and record the observations
			Chemistry - Chapter 2 Is matter around us pure: Heterogeneous and homogenous mixtures, colloids and suspensions.		**Chemistry –Experiment – 1:**Preparation of: a) a true solution of common salt,sugar and alum b) a suspension of soil, chalk powder and fine sand in water c) a colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of transparency filtration criterion stability

2.	**June**	**24**	**Physics- Chapter 8. Motion:** (Continued) distance-time and velocity-time graphs for uniform motion and uniformly accelerated motion, derivation of equations of motion by graphical method; elementary idea of uniform circular motion.	**Weekly Test 1, 2**	
			Biology - Chapter 5. The fundamental unit of life: mitochondria, vacuoles, endoplasmic reticulum, Golgi apparatus; nucleus, chromosomes - basic structure, number.		**Biology - Experiment – 6:** Identification of Parenchyma Collenchyma,Sclerenchyma tissues in plants
			Chemistry - Chapter – 3, Atoms and Molecule: Atoms and molecules, Law of constant proportions		**Chemistry - Experiment -2:** To prepare a mixture and compound and study their properties
3.	**July**	**20**	**Physics - Chapter 9 Force and Laws of Motion**: Force and Newton's laws: Force and Motion, Newton's Laws of Motion, Action and Reaction forces, Inertia of a body, Inertia and mass, Momentum,	**Weekly Test 1, 2** **Biology** Prepare a chart showing classification of plants and animals kingdoms	**Biology Experiment – 6:**Identification of Striated muscles ,Smooth muscles,Cardiac muscles,Nerve cell in animals,from prepared slides,Draw and label figures
			Biology - Tissues, Organs, Organ System, Organism: Structure and functions of animal and plant tissues (only four types of tissues		**Chemistry –Experiment - 3 -**Perform the following reactions and classify them as physical or chemical changes

			in animals; Meristematic and Permanent tissues in plants). **Chemistry - Chapter 3.(Continue...) Atoms and Molecules:** Atomic and molecular masses. Mole concept: Relationship of mole to mass of the particles and number.		a) Iron with copper sulphate solution in water b) Burning of magnesium ribbon in air c) Zinc with dilute sulphuric acid d) Heating of copper sulphate crystals e) Sodium sulphate with barium chloride in the form of their solutions in water.
4.	**August**	**23**	**Physics - Chapter 9 (continued)** Force and Acceleration. Elementary idea of conservation of Momentum. **Biology - Chapter 13: Why do we fall ill?-** Health and Diseases: Health and its failure. Infectious and Non-infectious diseases, their causes and manifestation **Chemistry - Chapter – 4 Structure of Atom Structure of atoms:** Electrons, protons and neutrons,	**Biology** Prepare a chart showing classification of plants and animals kingdoms **Weekly Test 1, 2** **Physics –** Solve given numerical worksheet	**Chemistry – Experiment-14:** Verification of the law of conservation of mass in a chemical reaction

5.	**September**	**20**	**Physics - Chapter 10.** **Gravitation:** Gravitation: Gravitation; Universal Law of Gravitation, Force of Gravitation of the earth (gravity),	**Weekly Test 1, 2** **Physics –** Solve given numerical worksheet	**Physics - Experiment - 9:** Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder.
			Biology - Chapter 13: Why do we fall ill? Diseases caused by microbes (Virus, Bacteria and Protozoans) and their prevention; Principles of treatment and prevention. Pulse Polio programmes.		
			Chemistry – Chapter 4. **(Continue..) Structure of atom:** valency, chemical formula of common compounds. Isotopes and Isobars.		.
6.	**October**	**21**	**Chapter -14 Natural Resources** **Physical resources:(only for INTERNAL ASSESSMENT)** Air, Water, Soil. Air for respiration, for combustion, for moderating temperatures; movements of air and its role in bringing rains across India. Air, water and soil pollution (brief introduction).Holes in ozone layer and the probable damages.	**Weekly Test 1, 2**	**14 Natural Resources Physical resources:(INTERNAL ASSESSMENT)** A brief write up on any one concept of this Unit in their Portfolio. This may be an assessment for Internal Assessment and credit may be given (Periodic assessment/Portfolio). This portion of the Unit is not to be assessed in the year-end examination.

			Biogeochemical cycles in nature: Water, Oxygen, Carbon and Nitrogen.		
			Physics - Chapter 10. Gravitation (continued...) Acceleration due to Gravity; Mass and Weight; Free fall.		**Physics - Experiment - 10 :** Establishing the relation between the loss in weight of a solid when fully immersed in- a) Tap water b) Strongly salty water with the weight of water displaced by it by taking at least two different solids
7.	**November**	**14**	**Chemistry Revision**.	**Weekly Test 1, 2** **Weekly Test 1, 2**	
			Biology Revision		
			Physics - Chapter 11. Work and Energy: Work, energy and power: Work done by a Force, Energy, power;		
8.	**December**	**23**	**Biology –Revision**.	**Weekly Test 1, 2**	

			Physics - Chapter 11. Work and Energy: (Continued) Kinetic and Potential energy; Law of conservation of energy.		
9.	**January**	**22**	**Revision for Term End Exam – II**		
10.	**February**	**21**	**Revision for Term End Exam – II**		
11.	**March**	**20**			

Deleted Portion :

Biology	Physics	Chemistry
Biology - Chapter 7. Diversity in Living Organisms: Need of classification, Hierarchy of classification, Study of 5 Kingdom system with its characteristics and examples: Monera, Protista and Fungi.Animal Kingdom **Biology - Chapter 15: Improvement in food resources:** Improvement in crop yields, Crop production management. Crop protection management and crop yield management. (DELETED CH--- 7,15) FOR BIOLOGY	**Physics - Chapter 12**. Sound: Production of sound & Propagation of sound, Sound needs a medium to travel & Sound waves are longitudinal waves Range of hearing, structure of ear, Application of sound **10. Gravitation:** Thrust and pressure, Archimedes' principle and relative density.	**Chapter 1. Matter in our surrounding:** Physical nature of Matter, Characteristics of particles of matter, States of matter and Evaporation, Factors affecting evaporation. **(DELETED PORTION)** **Chapter 2 -** Separating the components of a mixture Distillation and fractional distillation, sublimation, chromatography, physical and chemical changes, elements and compounds.

SUBJECT: MATH

Name of the Prescribed Books: 1. Mathematics Textbook for Class IX (N.C.E.R.T)

2. Secondary School Mathematics For Class IX (Bharti Bhawan- R.S.Aggarwal)

3. Laboratory Manual for Mathematics (Madhubun)

Sr. No.	Month	No of Working Days	Topic/Unit to be completed from Textbook	Activity & Worksheet
1.	**April**	**22**	**Ch. 14. Statistics (12 Periods)** **Ch. 15. Probability:** **Ch.15.:- No Deletion** **(8 periods)**	**Maths Lab Activity 23:** To verify experimentally that the sum of probabilities of all events in an experiment is equal to 1. **Maths Lab Manual Assignment 14 & 15**
2.	**June**	**24**	**Ch. 1. Number Systems continued. (12 Periods)** **Ch. 6. Lines and Angles (3 Periods)** **PA1 Revision - Two Periods**	**Maths Lab Activity 1:(SEA)-Art Integrated Activity.** 1. To construct a square root spiral and obtain the approximate value of √2, √3, √5 , etc. using it. 2. To make a square root spiral by using paper folding. **Maths Lab Manual Assignment 1**

3.	**July**	**20**	**Ch. 6. Lines and Angles continued……** **Ch.6.:- No Deletion** **(7 Periods)** **Ch. 3. Coordinate Geometry** **(6 Periods)** **Ch.3.:- No Deletion** **Ch.4. Linear Equations in Two Variables** **(3 Periods)** ****Two Periods:- Internal Assessment** **(1 Period- Class Test** **1 Period - Maths Lab Manual Activity)**	**Maths Lab Manual Assignment 3 & 6**
4.	**August**	**23**	**Ch.4. Linear Equations in Two Variables continued…….** **(7 Periods)** **Ch.7. Triangles** **(14 Periods)** ****Two Periods:- Internal Assessment** **(1 Period- Class Test** **1 Period - Maths Lab Manual Activity)**	**Maths Lab Activity 4 & 5:(SEA)-Art Integrated Activity.** **To verify the angle sum property of a triangle and exterior angle property using paper cutting and pasting. **Activity 6.** To verify that in a triangle: I. the sides opposite to equal angles are equal. II. angles opposite to equal sides are equal. **Maths Lab Manual Assignment 4 & 7**

5.	**September**	**20**	**Ch.12. Heron's Formula (7 Periods)** **PA2 REVISION**	**Maths Lab Manual Assignment 8**
6.	**October**	**21**	**Ch. 2. Polynomials (14 Periods)** **Ch. 8. Quadrilaterals (5 Periods)** ****Two Periods:- Internal Assessment** **(1 Period- Class Test** **1 Period - Maths Lab Manual Activity)**	**Maths Lab Activity 2-I & 3-I:** **To verify the following identities:** $(□ - □)3 = □3 - 3□2□ + 3□□2 - □3$ $□3 + □3 = (□ + □)(□2 - □□ + □2)$ **Maths Lab Manual Assignment 2**
7.	**November**	**14**	**Ch. 8. Quadrilaterals continued…..** **(7 Periods)** **Ch.8. :- No Deletion** **PA3 REVISION**	**Maths Lab Activity 9 & 10** **Activity 9.** To verify the mid-point theorem for a triangle, using paper cutting. **Activity 10.** To show that the figure obtained by joining the mid-points of the consecutive sides of a quadrilateral is a parallelogram. **Maths Lab Manual Assignment 9**
8.	**December**	**23**	**Ch. 10. Circles** **(13 Periods)**	**Maths Lab Activities: 15, 16, 17,18 & 19**

			Ch. 11. Constructions **(8 Periods)** ****Two Periods:- Internal Assessment** **(1 Period- Class Test** **1 Period - Maths Lab Manual Activity)**	**Activity 15.** To show by paper folding that equal chords of a circle are equidistant from the centre of the circle**.** **Activity 16.** (Degree Measure Theorem) To verify the angle subtended by an arc of a circle at the centre of a circle is twice the angle subtended by the same arc at any other point on the remaining part of the circle. **Activity 17.** To verify that the angles in the same segment of a circle are equal. **Activity 18.a., b. & c.** To verify that the angle in a semicircle is a right angle, the angle in a major segment is an acute angle and the angle in a minor segment is an obtuse angle by paper cutting, pasting and folding. **Activity 19.** To verify the following: I.The sum of either pair of opposite angles of a cyclic quadrilateral is 180°. II. In a cyclic quadrilateral, the exterior angle is equal to the interior opposite angle. **Maths Lab Manual Assignment 11 & 12**
9.	**January**	**22**	**Ch. 13. Surface Areas and Volumes** **(14 Periods)** **Ch.13.- No Deletion** **Revision Of Pre-final Examination**	**Maths Lab Activities: 20-I, 21-I & II, 22-I & II** **Activity 20-I:** To obtain the formulae for the lateral surface area and total surface area of a right circular cylinder in terms of the radius(r) of its base and height.

				Activity 21-I & II: To obtain the formulae for the lateral surface area and volume of a right circular cone. **Activity 22-I:** To obtain the formula for the surface area of a sphere in terms of its radius. **22-II:** To give a suggestive demonstration of the formula for the volume of a sphere in terms of its radius. **Maths Lab Manual Assignment 13** ***Completion of Maths Lab Manual & SEA Activities.** ***Sample Paper Practice and class Test**
10.	**February**	**21**	**Revision of Annual Examination**	***Sample Paper Practice and class Test**
11.	**March**	**20**	**ANNUAL EXAMINATION**	

****CHAPTER 5 & 9 HAVE BEEN COMPLETELY DELETED BY CBSE SINCE THE LAST ACADEMIC SESSION(2020-2021).**

TERM 1 CHAPTER NUMBERS	TERM 2 CHAPTER NUMBERS
CHAPTERS:- 1, 3, 4, 6, 7, 12 & 14	**CHAPTERS:- 2, 8, 10, 11, 13 & 15**

Term 1: Deleted Portion:

Ch.1: Deleted Subtopics by CBSE:

1. Representation of terminating / non-terminating recurring decimals on the number line through successive magnification.

2. Explaining that every real number is represented by a unique point on the number line and conversely, every point on the number line represents a unique real number.

3. Definition of nth root of a real number. Existence of $\sqrt{\square}$ for a given positive real number x and its representation on the number line with geometric proof.

Ch.4: Deleted Subtopics by CBSE:

1. Real life problems based on Ratio and Proportion.

2. Equations of Lines Parallel to x-axis and y-axis

Ch.7: Deleted Subtopics by CBSE:

1. Proof of ASA congruence theorem:-"Two triangles are congruent if any two angles and the included side of one triangle is equal to any two angles and the included side of the other triangle".

2. Triangle inequalities and relation between 'angle and facing side' inequalities in triangles.

Ch.12: Deleted Subtopics by CBSE:

1. Application of Heron's Formula in finding the area of quadrilaterals.

Ch.14. Deleted Subtopics by CBSE:

1. Histogram with varying base lengths.

2. Frequency Polygons

3. Measures of Central Tendency

Term 2: Deleted Portion:

Ch. 2: Deleted Subtopics by CBSE:

1. **Motivate and State the Remainder Theorem with examples**
2. **Statement and proof of the Factor Theorem.**
3. **Identity VIII: $x^3 + y^3 + z^3 - 3xyz$**

Ch.10: Deleted Subtopics by CBSE:

Theorem10.5. There is one and only one circle passing through three given non-collinear points.

Theorem 10.10. If a line segment joining two points subtends equal angle at two other points lying on the same side of the line containing the segment, the four points lie on a circle.

Ch.11: Deleted Subtopics by CBSE:

1. **Construction of a triangle of given perimeter and base angles.**

SUBJECT : INFORMATION TECHNOLOGY

Sr. No.	Month	No. of Days	Periods	Topic to be covered	Practical
1	April	22	16	Chapter - 3: Basic ICT Skills - I (upto 3.4)	
2	June	16	8	Chapter - 6: Introduction to IT-ITeS Industry	
3	July	26	16	Chapter - 5: Green Skills - 1	
4	August	22	10	Chapter - 1: Communication Skills - 1	
			10	Chapter - 7: Data Entry and Keyboarding skills	
5	September	20	2	Revision : 1,3,5,6,7	
6	October	24	5	Chapter - 2: Self-Management Skills	
			12	Chapter - 8: Digital Documentation	Pg. 10 to 21
7	November	14	8	Chapter - 4: Entrepreneurial skills - 1	
			6	Chapter - 9: Electronic Spreadsheet	Pg. 22 to 30

8	December	22	12	Chapter - 3: Basic ICT Skills - I (3.5)	
			10	Chapter - 10: Digital Presentation	Pg. 31 to 46
9	January	22	8	Revision : 1,3,5,6,7	
10	February	21	8	Revision - 2,4,8,9,10, 3(3.5)	
11	March	20	-	Term II Exam	

SUBJECT : INTRODUCTION OF FINANCIAL MARKET

Name of the Prescribed Book : Concepts of Money Management (405)

Sr. No.	Month	No of Working Days	Topic/Unit to be completed from Textbook	Project/Practical Activities
1	April	22	**UNIT 1.** Money - What it is? **UNIT 2.** Money Exchange Systems	1.Give a pictorial account of evolution of Money giving example at each stage 2. Prepare a table showing different countries have different currency
2	June	24	**UNIT 3.** Key Characteristics of Money	1. Identify the features of a few commodity as given in the text book page 20. Do they possess the characteristics of money? Why/ why not? Give your reason in a line or two
3	July	20	**UNIT 4.** What is Financial Planning? **UNIT 5.** What is Income?	1.Write the difference between needs and wants 2. How do taxes and other deductions affect your income? Do a survey to find the same.
4	August	23	**UNIT 6.** What is expenses? **UNIT 7.** What is a Bank?	1.Imagine you are doing professional animation course for two months staying in a hostel at Kodiakanal, your father gave you Rs10000, a month for all your expenses, you also get a pocket money of Rs. 500 a month. Make a detail plan of your expenses. Also find out how will you save money if you wanted to take a gift to your parents worth Rs 500? 2. Make a PPT showing origin of Bank
5	September	20		Revision for TERM 1 exam

6	October	21	**UNIT 8.** Why Save? **UNIT 9.** Setting Goals	Make a detailed account of your savings. Find S.I and C.I on it for 10 years @ 5 % p.a Revision Unit 1-8 for Periodic Assessment II Write in detail about your goal statement.
7	November	14	**UNIT 10.** Systematic Saving and Investments	Differentiate between savings and investments
8	December	23	**UNIT 11.** Making a Budget	State the tips for preparing the household budget Revision
9	January	22		Revision
10	February	21		Revision
11	March	20		Annual exam

Note:

1. The subject is divided into 2 parts
2. 50 marks pen paper by CBSE and 50 Marks practical (Software)by NSE
3. The details of the practical are as follows:

Parameters	Marks
Project/ Practical activities	10
Viva based on Projects	10
Practical file/ report or Portfolio	5
Demonstration of skill competency on NLT software(Numeric speed Accelerator module)	25

SUBJECT : SOCIAL SCIENCE

Name of the Prescribed Books: 1] India and the Contemporary World-I 2] Contemporary India-I
3] Democratic Politics-I 4] Economics

Sr. No.	Month	No of Working Days	Topic/Unit to be completed from Textbook	Activity& Worksheets
1.	**April**	22	**Contemporary India-I** 1)India size and location **India and the Contemporary World-I** 1)The French Revolution	Map work activity on India size and location **Art Integrated activity** **Activity 1- Role Play** Personalities related to the French Revolution **Activity-2** **Diary Writing** Execution of King and Queen of France
2.	**June**	24	**Democratic Politics-I** 1) What is democracy? Why democracy? **Economics** 1. The Story of Village Palampur	**Art Integrated Activity** **Making album / collage / bulletin board** 1.What makes a government democratic? 2. What makes a government non-democratic? 3. What are the reasonable demands of the people in India.
3.	**July**	20	**Contemporary India-I** 2. Physical Features of India **Economics** 2. People as Resource	**Art Integrated Activity** **Activity-** **Preparation of Sand Model & description-** physical features like - Siwaliks, dunes, Deccan plateau. **Activity- Debate** Education is the most important factor in human resource development"

				Activity-Story Telling Topic: Factors affecting Human Resource Development
4.	**August**	23	*** Project on Disaster Management** **India and the Contemporary World-I** II. Socialism in Europe and the Russian Revolution **Democratic Politics-I** 2. Constitutional Design **Contemporary India-I** 4. Climate	**Art Integrated Activity** **1. Activity** **Poster making / Slogan writing –** **Topic -** February Revolution 1917 **Activity-Talk Show** Collectivization of Farms. After reading about collectivisation and source D and E in the text book a talk show could be hosted in class. The topic of discussion will be : "Collectivisation of Agriculture in the Soviet Union"
5.	**September**	20	**India and the Contemporary World-I** III. Nazism and the Rise of Hitler **Democratic Politics-I** 3. Electoral Politics	**Activity-**Election of Class Monitor
6.	**October**	21	**Economics** 3. Poverty as a Challenge **Democratic Politics-I** 4. Working of Institutions	**Art Integrated Activity-Scrap Book Preparation** Poverty alleviation plan for a district.
7.	**November**	14	**Contemporary India-I** 5. Natural Vegetation and Wild Life	Find some trees in your locality having medicinal values. **Art Integrated Activity-** **Street play / Story Telling** on wetland preservation, forests - should they be preserved?

				Prepare a Scrap Book on migratory birds visiting our country.
8.	**December**	23	**REVISION**	
9.	**January**	22	**REVISION**	
10.	**February**	21	**REVISION**	
11.	**March**	20		

DELETED PORTION :

Contemporary India-I

3. Drainage

• Major rivers and tributaries • Lakes • Role of rivers in the economy • Pollution of rivers Note: Only Map Items as given in the Map List from this chapter to be evaluated in Examination.

India and the Contemporary World-I

Section 2: Livelihoods, Economies and Societies NOTE- ANY ONE OUT OF THESE TWO CHAPTERS (CH-4/CH5) Chapter IV: Forest Society and Colonialism Chapter V: Pastoralists in the Modern World

Contemporary India-I

6: Population

Democratic Politics-I

5: Democratic Rights

Economics

4: Food Security in India