Content

1. English
2. Mathematics
3. Physics
4. Chemistry
5. Biology
6. History & Civics
7. Geography
8. French
9. Tamil
10. Computer Application
11. Art & Design
12. Hindi
ENGLISH

SEMESTER – I

APRIL

CONTENTS:
1. Seeing in the mind

GRAMMAR:
- Simple Tense: Present, Past and Future
- Nouns

Language Exercise: Comprehension Passage

LEARNING OBJECTIVES:
The student will be able to:
- Develop the skills necessary to engage with a poem’s components and thus come to an initial and then refined understanding of that piece’s meaning.
- Recognize the need to focus on perception and not solely on interpretation.
- Critically read a comprehension passage, summarize the ideas discussed, and answer textual questions by recalling the central idea and relevant supporting details.

ACTIVITY:
- composition

MAY

CONTENTS:
1. Blindness (Poem)
2. January night

GRAMMAR:
- Continuous Tense: Present, Past and Future
- Punctuation

Language Exercise: A Picture Composition

LEARNING OBJECTIVES:
The student will be able to:
- Analyze and use when appropriate figurative language (e.g., similes, metaphors, personification, idioms and puns).
- Use appropriate format, use formal language and recognize the purpose in formal communications.
ACTIVITIES:
- Solving anagrams to expand vocabulary.
- Writing a poem on a given theme.

JUNE

CONTENTS:
1. Moon Wind (Poem)

Language Exercise: Comprehension Passage

LEARNING OBJECTIVES:
- Students learn about the two major literary forms – narrative and poetry.
- Students are able to answer textual questions by recalling the central idea and relevant supporting details.
- Students are consciously able to attend to the rules of written language and learn to use articles; are able to use the dictionary to determine alphabetical order; and write sentences that are complete, interesting, and logically connected to each other.

JULY

CONTENTS:
1. How Beautiful Is the Rain (Poem)
2. Tales from Shakespeare- The Merchant of Venice

GRAMMAR:
- Adverbs
- Exclamation
- Collective Noun

Language Exercise: Writing an Autobiography

LEARNING OBJECTIVES:
- Students are able:
  - To identify and analyze a. the central image; b. lines- the basic building blocks of a poem; c. rhythm and whether it helps set the mood; d. use of figurative language, such as, similes and metaphors.
  - Analyze and compare basic poetic strategies, such as, the use of form, language, allusion, imagery, and rhythm.

ACTIVITY:
- Writing an account of an imaginary journey

AUGUST
CONTENTS:
1. Storm in the Black Forest (Poem)
2. The Sri Krishna Eating House

GRAMMAR:
- Prefixes
- Suffixes
- Adjectives

Language Exercise: Letter Writing (Formal)

Read a news article. Write a letter to the editor of the paper stating your opinion about the article.

LEARNING OBJECTIVES:
Students are able to:
- Practice the behaviors of effective, strategic readers.
- Compose in a variety of narrative, descriptive, and explanatory writing forms appropriate to topic, audience, and purpose.
- Explicate texts; recognize genres, rhetorical features, and literary conventions; to display sensitivity to language.

ACTIVITY:
- Revision of worksheets.

SEMESTER - II

OCTOBER

CONTENTS:
1. The lake isle of Innisfree (Poem)
2. The Lumber-Room

GRAMMAR:
- The Present Perfect Tense
- Conjunctions
- Metaphors
- Adjective Phrases

Language Exercise: Letter Writing (Informal)

LEARNING OBJECTIVE:
Students are able to:
- Analyze and compare basic poetic strategies, such as, the use of form, language, allusion, imagery, and rhythm.
- Formulate and organize answers and learn how to present a coherent, reasoned, and well-supported set of conclusions in clear prose.
ACTIVITY:
- Comprehension - Who packed your parachute? (Lesson 6)

NOVEMBER

CONTENTS:
1. The Daffodils (Poem)
2. The Hitch-Hiker

GRAMMAR:
- Word search
- Pronouns
- Prepositions

Language Exercise: Comprehension Passage

LEARNING OBJECTIVE:
The student will be able to:
- Expand their critical and appreciative skills.
- Study a poem and analyze the mood, interesting phrases and variations of rhyme. Judge the effectiveness of the author’s/poet’s use of literary elements.
- Recognize and use common English suffixes.
- Reflect upon own writing and revise for clarity of meaning and appropriate detail by adding, rearranging and deleting ideas.

ACTIVITY:
- Debate

JANUARY

CONTENTS:
1. The Cat’s Paradise
2. Tales from Shakespeare – Hamlet

GRAMMAR:
- Direct Indirect Speech
- Tenses (Revision)

Language Exercise: Picture Composition

LEARNING OBJECTIVES:
Students are able to:
• Identify the basic features of Shakespearean drama while gaining an insight into the development of literature within certain specific historical periods, such as, the Elizabethan Age.
• Comprehend and use the techniques and terminology of drama as a literary genre.
• Appreciate drama as an art form that closely approximates daily life and focuses on the symbolic representation of human behavior in action.
• Understand the characters and action by paying close attention to the lists of characters, stage directions and dialogue.
• Comprehend that the action of a play is divided into acts and scenes.
• Identify and analyze plot, elements of plot – exposition, rising action, climax and denouement.
• Analyze characters, study their personalities and identify strengths and weaknesses.

ACTIVITY:
• Reading aloud the play in class. Role-play.
• Solving crossword puzzles.

FEBRUARY

CONTENTS:
1. Tales from Shakespeare- The Taming of the Shrew
2. Revision

Language Exercise: Continuous Writing (Composition)

LEARNING OBJECTIVE:
Students are able to
• Identify important dramatic techniques, such as, monologues, soliloquies and asides, which provide direct insights into motives, attitudes and overall tone.
• Identify key elements of plot – exposition, rising action (central conflict), climax, falling action and denouement.
• Analyze complex questions and present a coherent, reasoned, and well-supported set of conclusions in clear prose.

ACTIVITY:
• Solving revision worksheets
MATHEMATICS

APRIL

CONTENT:
1. Pure Arithmetic: Power and roots
2. Pure Arithmetic: Fractions
3. Commercial Arithmetic: Percent and Percentage
4. Algebra: Fundamental concepts

LEARNING OBJECTIVES:
The student will be able to:
- Learn the methods of finding squares, cubes, square roots and cube roots.
- Carry out calculations with ease and speed.
- Learn to round off whole numbers and recurring decimals.
- Apply the knowledge of percentage to solve word problems.
- Identify the different terms related to Algebra.
- Acquire Algebraic computation skills.

ACTIVITIES:
- Selected exercises from the textbook to be solved as homework
- Use of white board to solve examples based on these operations.
- Citing examples of the use of these operations in day-to-day life.
- More numerical based on these operations other than those done in the class and worksheets.

REFERENCE:
1. Foundation mathematics by R.S.Aggarwal [Goyal Brothers prakashan]
2. Middle School Mathematics by R. K. Bansal [Selina Publishers]
3. WEBSITE: www.ilovemaths.com

MAY

CONTENT:
2. Algebra: Simplification
3. Geometry: Lines and angles

LEARNING OBJECTIVES:
The student will be able to:

- Acquire the knowledge of formulae and to apply it to new problems.
- Apply the knowledge and computation skill to solve mathematical problems.
- Differentiate between the four operations.
- Understand the order in which the operations have to be performed.
- Acquire the skill of drawing geometrical figures with accuracy.
- Relate the data to solve problems based on the topic.

**ACTIVITIES:**

- Solve numerical involving the four operations and also explain the sequence of performing the operations. (Bracket, Of, Division, Multiplication, Addition, Subtraction)
- More numerical to practice using the BODMAS
- Students are given worksheets in addition to exercise from the textbook

**REFERENCE:**

1. Foundation mathematics by R.S.Aggarwal [Goyal Brothers prakashan]
2. Middle School Mathematics by R. K. Bansal [Selina Publishers]
3. WEBSITE: www.ilovemaths.com

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**JUNE-JULY**

**CONTENT:**

1. Geometry: Lines and angles (continued)
2. Commercial Arithmetic: Unitary Method
3. Commercial Arithmetic: Simple Interest
4. Algebra: formula: Change of subject of a formula

**LEARNING OBJECTIVES:**

The student will be able to:

- Acquire knowledge of simple interest.
- Comprehend the logic of unitary method.
- Carry out calculations with ease and speed.
- Learn the practical application of mathematical concepts in solving real life problems and develop associated skills such as logical thinking and reasoning.
- Change the subject of a formula.

**ACTIVITIES:**

- Selected exercises from the textbook to be solved as homework
- Use of white board to solve examples based on these operations.
- Citing examples of the use of these operations in day-to-day life.
- More numerical based on these operations other than those done in the class and worksheets.

**REFERENCE:**
AUGUST

CONTENT:
1. Geometry: Triangles
5. Algebra: Equations and problems based on simple equations
6. Algebra: Product
7. Algebra: Indices

LEARNING OBJECTIVES:
The student will be able to
- Define a triangle.
- Learn the basic concept of a triangle
- Acquire the knowledge of formulae and to apply it to new problems.
- Develop the ability of finding unknown angles using the concepts learnt.
- Translate from words to symbols (construction of a formula)
- Learn the concept of powers and learn the laws of indices.
- Solve sums using the laws of indices.

ACTIVITIES:
- Classroom activities like cutting out paper triangles of different types
- Drawing triangles with a right angle, obtuse angle and when all angles are acute.
- Construction of triangles using the given side measurements.
- Explanation of terms, the different notations and their significance.
- Students are given worksheets in addition to exercise from the textbook
- The student will give own examples unitary methods.

REFERENCE:
1. Foundation mathematics by R.S.Agarwal [Goyal Brothers prakashan]
2. Middle School Mathematics by R. K. Bansal [Selina Publishers]
3. WEBSITE: www.ilovemaths.com

SEPTEMBER

**Revision**
First Term Exams

SEMESTER - II

OCTOBER

CONTENT:
2. Commercial Arithmetic: Average
3. Commercial Arithmetic: Speed, Distance and Time

**LEARNING OBJECTIVES:**
The student will be able to
- Comprehend the logic of factorization.
- Acquire knowledge of averages.
- Acquire the knowledge of formulae and to apply it to new problems.
- Apply the knowledge and computation skill to solve mathematical problems
- Learn the practical application of mathematical concepts in solving real life problems and develop associated skills such as logical thinking and reasoning.

**ACTIVITIES:**
- Use of white board to solve examples based on these operations.
- Citing examples of the use of these operations in day-to-day life.
- More numerical based on these operations other than those done in the class and worksheets.
- Students are given worksheets in addition to exercise from the textbook

**REFERENCE:**
1. Foundation mathematics by R.S.Aggarwal [Goyal Brothers prakashan]
2. Middle School Mathematics by R. K. Bansal [Selina Publishers]
3. WEBSITE: www.ilovemaths.com

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**NOVEMBER-DECEMBER**

**CONTENT:**
1. Mensuration: Perimeter and Area
2. Mensuration: Volume and Surface area
3. Geometry: Polygons

**LEARNING OBJECTIVES:**
The student will be able to:
- Learn the formulae for area and perimeter of a square, rectangle and triangle
- Find areas of diagrams by dividing into rectangles, squares and triangles.
- Learn the meaning of volume and different solid surfaces
- Find the volumes of solids when the dimensions are given
- Differentiate between various quadrilaterals like parallelogram, rectangle, and rhombus, square.

**ACTIVITIES:**
- Students construct solid models using card board cut outs and calculate their volumes.
- Students make models of these solids and apply formulae to find their dimensions, surface
• Models made of thin cardboard or paper used to explain concepts such as area and volume and assignment will be given on the topic learnt e areas and volumes

**REFERENCE:**
1. *Foundation mathematics* by R.S.Aggarwal [Goyal Brothers prakashan]
2. *Middle School Mathematics* by R. K. Bansal [Selina Publishers]
3. WEBSITE: [www.ilovemaths.com](http://www.ilovemaths.com)

**JANUARY**

**CONTENT:**
1. Geometry: Congruency: Congruent Triangles
2. Geometry: Construction of Quadrilaterals
3. Statistics: Collection and tabulation of Data (Pie Graph)
4. Set theory: Set concepts

**LEARNING OBJECTIVES:**
The student will be able to
• Prove congruency of two triangles
• Draw figures according to the given specification with accuracy.
• Draw a pie graph based on the given data.
• Understand the concept of sets.
• Learn types and operations of sets.
• Acquire the skill of relating sets to everyday life situations.

**ACTIVITIES:**
• Discussion in class to understand the concept of sets and relating it to real life situations
• Discussion in class and making charts
• Using different symbols and terms relating sets
• Solving word problems using the above concepts

**REFERENCE:**
1. *Foundation mathematics* by R.S.Aggarwal [Goyal Brothers prakashan]
2. *Middle School Mathematics* by R. K. Bansal [Selina Publishers]
3. WEBSITE: [www.ilovemaths.com](http://www.ilovemaths.com)

**FEBRUARY**

**CONTENT:**
1. Set theory: Subsets, Universal Set
2. Set theory: Venn- diagrams

**LEARNING OBJECTIVES:**

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The student will be able to

- Perform operation on sets confined to the universal set and its subsets.
- Identify two disjoint and overlapping sets.
- Use the above concepts the student will represent problems and find their solutions from Venn diagrams.

**ACTIVITIES:**

- Explanation of terms, the different notations and their significance.
- Students are given worksheets in addition to exercise from the textbook

**REFERENCE:**

1. Foundation mathematics by R.S.Aggarwal [Goyal Brothers prakashan]
2. Middle School Mathematics by R. K. Bansal [Selina Publishers]
3. WEBSITE: [www.ilovemaths.com](http://www.ilovemaths.com)

**MARCH**

Second Term Exams

**OTHER REFERENCE BOOKS AND ADDITION PRACTICE:**

1. Mathematics by Mr. R.S. Agrawal (Goyal publishers)
2. Frank Middle School Mathematics by Dr.S.C.Srivastava and Edwin Flynn [Frank brothers and co.]
3. A textbook of mathematics by O.P. Sinhal (general printers and publishers)
4. The Joy of mathematics by S.N. Chhibber and Edwin Flynn (Frank Bros & Co)
5. Mental math by Shastry (general printers)
APRIL/MAY

CONTENT:
CHAPTER 2: MOTION

LEARNING OBJECTIVES:
The students will be able to
- understand the concept of rest & motion
- differentiate between speed and velocity
- understand the concept of acceleration due to gravity
- distinguish between rotatory, circular, oscillatory and vibratory motion
- state the laws of simple pendulum

ACTIVITIES:
1. Solve numerical problems based on equations of motion

JULY

CONTENT:
CHAPTER 3: HEAT

LEARNING OBJECTIVES:
The students will be able to
- understand the concept of heat and temperature
- list out the various effects of heat
- understand the concept of thermal expansion
- differentiate between the various types of thermometers
- define conduction, convection & radiation
- explain the process of combustion
- thermo flask

ACTIVITIES:
1. Make a list of the practical applications of good and bad conductors of heat.
2. Students will note down the room temperature and outside temperature and find the difference between two.

AUGUST

CONTENT:
CHAPTER 1: MEASUREMENT

LEARNING OBJECTIVES:
The students will be able to
- differentiate between mass and weight
- define density, relative density
- state the law of floatation
• convection currents

ACTIVITIES:
1. Solve numerical problems based on density of substance
2. Make a list of various applications of floatation

OCTOBER
CONTENT:
CHAPTER 4: SOUND

LEARNING OBJECTIVES:
The students will be able to

• understand that sound is produced by a vibrating body
• understand that sound requires a material medium for its propagation
• find the speed of sound in air
• explain the formation of echo
• differentiate pitch, quality and loudness of sound
• classify the different types of musical instruments
• explain the structure and working of human ear

ACTIVITIES:
1. Presentation on noise pollution

• differentiate pitch, quality and loudness of sound
• classify the different types of musical instruments
• explain the structure and working of human ear

ACTIVITIES:
1. Presentation on noise pollution

NOV/JAN
CONTENT:
CHAPTER 5: LIGHT AND SHADOWS
CHAPTER 6: REFLECTION OF LIGHT

LEARNING OBJECTIVES:
The students will be able to

• list out the various sources of light
• explain the working of a pin hole camera
• explain the formation of eclipses
• define reflection of light
• distinguish between real and virtual image
• state the laws of reflection
• understand the image formation in plane mirrors
• identify convex and concave mirrors
• understand the image formation in convex and concave mirrors
• lateral inversion
ACTIVITIES:
1. With the help of ray diagrams explain the formation of images with a concave mirror at different positions of the object

PHYSICS PROJECT:
• Any topic from the chapter

FEBRURARY

CONTENT:
CHAPTER 7: ELECTRICITY

LEARNING OBJECTIVES:
The students will be able to
• distinguish between a primary cell and a secondary cell
• define electric current
• explain three construction and working of leclanche cell/dry cell
• state ohms law
• distinguish between conductors and insulators
• explain the working of switch, fuse, meter etc
• explain the various effects of electric current

ACTIVITIES:
1. Make a list of insulators and conductors of electricity in your house

PHYSICS PROJECT:
1. Any topic from the chapters.
CHEMISTRY

SEMESTER – I

APRIL - JUNE

CONTENT:
Chapter 1 & 2: Introduction to chemistry
- Matter
- Physical and Chemical Changes

LEARNING OBJECTIVES:
- To study the states of matter
- To differentiate between physical and chemical change

ACTIVITIES:
- Show the apparatus used in a chemistry laboratory.
- Demonstrate experiments in the lab to differentiate between solids, liquids and gases.

JULY

CONTENT:
CHAPTER 3: Properties of matter
- Elements, Compounds and Mixtures

LEARNING OBJECTIVES:
- To understand the concept of elements, compounds and mixtures.
- To differentiate between them.
- To study the techniques used to separate them.

ACTIVITIES:
- To demonstrate experiments to show separation of elements, compounds and mixture.

AUGUST

CONTENT:
CHAPTER 4: Fundamental chemistry
- Symbols and Valency
- Chemical Equation
- Chemical Reactions
**LEARNING OBJECTIVES:**

- To acquire the skill of writing a chemical equation
- To understand the concept of chemical reaction.

**ACTIVITIES:**

- Prepare a valency and symbol chart.

**ASSIGNMENT:**

Worksheet based on the concepts learnt.

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**SEMESTER - II**

**OCTOBER**

**CONTENT:**

CHAPTER 5: Air, Oxygen and Oxides

- Composition of Air
- Noble gases or rare gases
- Air and burning
- Preparation, properties and uses of oxygen
- Air Pollution
- Oxides

**LEARNING OBJECTIVES:**

- To understand the composition of air
- To understand the concept of noble gases
- To understand how air is used up in burning
- To understand the method of preparation of oxygen
- To understand the properties of oxygen
- To enlist the uses of oxygen
- To understand the effects of air pollution
- To understand the concept of Oxides

**ACTIVITIES:**

- Project on air pollution

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**NOVEMBER**

**CONTENT:**

CHAPTER 6 : Hydrogen

- Occurrence of hydrogen
- Preparation of hydrogen
- Properties of hydrogen
- Uses of hydrogen

**LEARNING OBJECTIVES:**
- To study the occurrence of hydrogen
- To understand the preparation of hydrogen
- To study the properties of hydrogen
- To study the uses of hydrogen

**JANUARY**

**CONTENT:**
CHAPTER 8 : Acids, Bases and Salts.
- Acids
  - Preparation of acids
  - General properties of acids
  - Basicity of acids
  - Uses of acids
- Bases
  - Preparation of bases
  - General properties of bases
  - Use of bases
- Salts
  - Classification of salts
  - Uses of salts

**LEARNING OBJECTIVES:**
- To understand the method of preparation of acids
- To list out the properties of acids
- To understand the concept of basicity of acids
- To be able to list out the uses of acids in daily life.

**ACTIVITIES:**
- Show the most commonly used acids in the laboratory.
- Demonstrate simple reactions with acids.

**FEBRUARY**

**CONTENT:**
CHAPTER 7 : Water
- Occurrence of water
- Properties of water
- Physical and chemical properties
- Solutions
LEARNING OBJECTIVES:

- To study the occurrence of water
- To study the properties of water
- To study the solubility of solids, liquids and gases in water.

ACTIVITIES:

- Experiment to test physical properties of water.

BIOLOGY

APRIL

CONTENT:
Chapter 1 - The Living and Non Living
Chapter 2 – The Cell
LEARNING OBJECTIVE:
The students will be able to:

- Know characteristics of Living Things.
- The difference between Living, Non-Living and Dead.

MAY - JUNE

CONTENT:
Chapter 3 – Tissues and Tissue System- Plant and Animal Tissues
LEARNING OBJECTIVE:
The students will be able to:

- Differentiate between plant and animal cell
- Understand different cell organelles present in cell and their functions.
- Understand the role of various plant tissues

JULY

CONTENT:
Chapter 5 – Organ systems of the human body
LEARNING OBJECTIVES:
The students will be able to:

- Understand the role of various animal tissues
• Differentiate between tissue, organ and organ system.
• Understand different organ systems present in human body and their functions.

ACTIVITY:
• Observe the permanent slides of plant and animal tissues.
• Students will be given worksheets in addition to exercise from the text books.

AUGUST

CONTENT:
Chapter 7 – Nutrition in animals and plants

LEARNING OBJECTIVES:
• learn about different types of nutrition.
• learn about diet and dentition.
• understand absorption and transportation of nutrients in plants.
• understand the main classes of food and energy requirements.

ACTIVITY:
• Observe model of human body to identify the different organs in the organ systems.
• Make models/charts for different organs.
• Solving worksheets.

ASSIGNMENTS:
1. Compare the animal cell with plant cell.
2. Compare the parenchyma, colenchyma and sclerenchyma.
3. List the functions of the skeletal systems.

PROJECTS:
1. Make a model of a generalized plant cell.
2. Make a model of a generalized plant cell.
3. Make a chart/model of human digestive system.
4. Make a chart/model of human urinary system.
5. Make a chart/model of human skin.

SEPTEMBER

Revision of the portion for SEM I exams.

SEMESTER - II

OCTOBER
**CONTENT:**
Chapter 8 – Respiration in animals and plants

**LEARNING OBJECTIVES:**
The students will be able to:
- understand the difference between breathing and respiration.
- understand the different types of respiratory organs.
- learn about mechanisms of respiration in plants and animals.
- Learn about different types of respiration.

**ACTIVITY:**
- Experiments to study photosynthesis.
- Simple experiments to show passive transport.

**NOVEMBER - DECEMBER**

**CONTENT:**
Chapter 9 – Excretion in animals and plants

**LEARNING OBJECTIVES:**
The students will be able to
- Learn about excretory organs of different animals.
- Understand in detail the human excretory system.
- Learn about the mechanism of excretion in plants.

**ACTIVITY:**
- Students will be given worksheets in addition to exercise from the text books.

**JANUARY - FEBRUARY**

**CONTENT:**
Chapter 10 – Life under a Microscope

**LEARNING OBJECTIVES:**
The students will be able to:
- Learn about classification of animals.
- Learn about selected microorganisms.
- Learn about the useful and harmful bacteria.
- Learn about protection of food from spoilage.
- Understand the facts about a few selected multicellular organisms.

**PRACTICAL ACTIVITY:**
- Observation and identification of microorganisms.

**ASSIGNMENTS:**
• Identify the different types of microorganisms under a compound microscope.
• Identify different types of locomotory organelles.

PROJECTS:
• Make a chart/model of bacterial cell.
• Make a model/chart of yeast cell.
• Make a model or chart to show the method of nutrition in amoeba.

HISTORY & CIVICS

TERM - I

APRIL

CONTENTS:
History:
Chapter 1. The Medieval World.
2. Medieval Europe: Christianity and the Roman Church

Civics:
Chapter 17. The Making of our Constitution

LEARNING OBJECTIVES:
Pupils are able to:
➢ Understand the significance of the teachings of Jesus Christ.
➢ Examine the reasons why the Jews hated Jesus.
➢ Explain how the Christians were treated under the Roman Empire.
➢ Explain how Christianity gradually made its way to most of the European countries.
➢ Understand how monasteries contributed to the spread of Christianity.
➢ Recall the meaning of a Democratic State.

MAY

CONTENTS:
History:
Chapter 3.: Islam and its Impact on the Middle East
Chapter 4.: The Turkish Invasion

Civics:
Chapter 18: Fundamental Rights and Duties

LEARNING OBJECTIVES:
Pupils are able to:
JUNE- JULY

CONTENTS:

History:
Chapter 5: The Mamluk Dynasty.
Chapter 6: The Khilji Dynasty.

Civics:
Chapter 19: Directive Principles of State Policy

LEARNING OBJECTIVES:
Pupils are able to:

- Explain how Muhammad came to be regarded as the Prophet.
- Recall the important teachings of Muhammad.
- Discuss the impact that the Arabs had on the lives of the people.
- Describe how Prophet Muhammad spread Islam.
- Understand the impact of the Invasion and the coming of the Muslim rulers.
- Recall the meaning of Fundamental Rights.
- Recall the six Fundamental Rights that are guaranteed to an Indian citizen. Discuss how rights and duties are interlinked.

AUGUST

CONTENTS:

History:
Chapter 7: The Tughlaq Dynasty.
Chapter 8: Life under the Delhi Sultanate

Civics:
Chapter: The Judiciary

LEARNING OBJECTIVES:
Pupils are able to:

- Understand the welfare measures introduced by the Tughlag rulers
- Comprehend the state of the society under the Sultans.
- Appreciate the cultural and religious developments of the age.
- Differentiate between the components of a Government.
- Examine the structure, powers and functions of the Judiciary.
- Evaluate the relationship between all organs of the Government.

SEPTEMBER

First Term Examinations

TERM - II

OCTOBER

CONTENTS:

History:
- Chapter 10: The Early Mughals.
- Chapter 11: Sher Shah Suri.
- Chapter 12: Akbar, the Great.

LEARNING OBJECTIVES:
Pupils are able to:
- Recall when and why the first battle of Panipat was fought.
- Explain how Babur became the ruler of Delhi and Agra.
- Understand the role of the main rulers of the Mughal dynasty in the unification of the country.
- Appreciate the reforms introduced by Sher Shah in administration.
- Appreciate the reign of Akbar and be able to justify his title as the National Ruler.

NOVEMBER- DECEMBER

CONTENTS:

History:
- Chapter 13: Jahangir and Shahjahan.

Civics:
- Chapter: The Union Legislature

LEARNING OBJECTIVES:
Pupils are able to:
- Examine the reign of Jahangir and Shahjahan.
- Discuss the Mughal contribution to art and architecture.
- Differentiate between the components of a Government.
➢ Examine the structure, powers and functions of the Two Houses of Parliament
➢ Comprehend the procedure of Law Making.

JANUARY

CONTENTS

History
Chapter 14: The reign of Aurangzeb and the Marathas

Civics:
Chapter 21: The Union Executive

LEARNING OBJECTIVES:

Pupils are able to:

➢ Examine Mughal contribution to national and social unity.
➢ Examine the reasons for the decline of the Mughal rule.
➢ Explain the formation of the Council of Ministers.
➢ Differentiate between MPs and Ministers.
➢ Explain the jurisdiction and powers of the Council of Ministers
➢ Recall the powers and functions of the President and his relation with the other organs of the Government.

FEBRUARY

CONTENTS:

History:
Chapter 15: The Religious Movements

LEARNING OBJECTIVES:

Pupils are able to:

➢ Recall the main teachings of the Bhaktas.
➢ Recall some important Sufi saints.
➢ Explain the effects of the Bhakti movement.

MARCH

TERM II EXAMINATIONS
GEOGRAPHY

APRIL

CONTENT:
1. RECORDING DAILY WEATHER
2. OBSERVATION OF WIND SPEED AND DIRECTION

LEARNING OBJECTIVES:
- Introduction to the elements of weather and maps
- Acquire knowledge about factors determining the wind speed
- To reason out the unique features of climatic condition of a place.

ACTIVITIES:
- Making the models of weather recording instruments.
- A class discussion on the chapters learnt.
- Collecting the weather map for a month

MAY

CONTENT:
3. LOCATING PLACES ON THE EARTH AND FINDING TIME
7. NORTH AMERICA: PHYSICAL FEATURES

LEARNING OBJECTIVES:
- Comprehend and learn about the importance of grid, latitude, and longitude.
- Acquire knowledge about the location and important physical features of North America.

ACTIVITIES:
- A class discussion on the chapters learnt
- Map work on North America.

JUNE

CONTENT:
7. NORTH AMERICA: PHYSICAL FEATURES (CONCLUSION)

LEARNING OBJECTIVES:
- Learn about the physical features of North America and correlate with their geographical location.

ACTIVITIES:
- Group wise quiz on North America Physical features.
- Watching a video on Great lakes of North America
JULY

CONTENT:
8. NORTH AMERICA: ECONOMIC RESOURCES AND ECONOMIC ACTIVITIES
9. LUMBERJACKS IN CANADA

LEARNING OBJECTIVES:
- To understand and appreciate the various economic developments practiced in the nation.
- Examine the risky and difficult life of lumberjacks

ACTIVITIES:
- Map work on North America
- A class discussion on the chapters learnt

AUGUST

CONTENT:
10. DETROIT: AUTOMOBILE INDUSTRY OF USA
11. SILICON VALLEY

LEARNING OBJECTIVES:
- To acquire knowledge about the facts of the country USA, in terms of motor industry development.
- Evaluate the location, origin, growth and recent development of the Silicon Valley.

ACTIVITIES:
- A class discussion on the chapters learnt
- Project to be carried out on any one of the topics for internal assessment.

SEPTEMBER
Revision
1st SEMESTER EXAMINATION

OCTOBER

CONTENT:
6. WEATHERING
12. SOUTH AMERICA: PHYSICAL FEATURES

LEARNING OBJECTIVES:
- To understand the meaning of weathering and its various factors
- Acquire knowledge about the location and important physical features of South America.

ACTIVITIES:
- A class discussion on the chapters learnt.
- Evidences of weathering to be observed and recorded in an outdoor lessons.
- Map work on South America.
NOVEMBER-DECEMBER

CONTENT:
13. SOUTH AMERICA: ECONOMIC RESOURCES
14. COFFEE FAZENDA IN BRAZIL

LEARNING OBJECTIVES:
- To analyze the factors responsible for economic resources in South America.
- To gain knowledge about the location, physiography, climate and favorable factors of Brazil’s coffee fazenda.

ACTIVITIES:
- A class discussion on the chapters learnt
- Group presentation on varieties of Coffee around the world.

JANUARY

CONTENT:
15. PASTORAL INDUSTRY IN ARGENTINA
16. THE GUANO ISLANDS

LEARNING OBJECTIVES:
- To comprehend and learn about the interesting facts of the Pastoral industry in Argentina and the problems faced by the people in Guano.

ACTIVITIES:
- Encourage pupils to do a project work on any one of these topics.

FEBRUARY

CONTENT:
17. ANTARCTICA

LEARNING OBJECTIVES:
- To learn about the innovative expeditions carried out by the different countries to Antarctica.

ACTIVITIES:
- Watch a video on Ozone Hole depletion over Antarctica.

MARCH

**REVISION**

II SEMESTER EXAMINATION
TAMIL

குருநின்று வெளிப்பு

பாட்டினங்கள்

2015-2016

பாட்டினங்களுக்கு:

1. குறிப்பிட்டு: செப்பு,சிலைப்புசாரண,சிலைப்புசாரணமாக வேண்டியபடி பாட்டினங்கள், குறிப்பிட்டு: செப்பு,சிலைப்புசாரணமாக வேண்டியபடி பாட்டினங்கள். சிலைப்புசாரணமாக வேண்டியபடி பாட்டினங்கள்.

2. பாட்டினங்கள்: செப்பு,சிலைப்புசாரண,சிலைப்புசாரண உறுப்பினராக வேண்டியபடி பாட்டினங்கள். செப்பு,சிலைப்புசாரண,சிலைப்புசாரண,சிலைப்புசாரண உறுப்பினராக வேண்டியபடி பாட்டினங்கள். செப்பு,சிலைப்புசாரண,சிலைப்புசாரண,சிலைப்புசாரண உறுப்பினராக வேண்டியபடி பாட்டினங்கள்.

3. பாட்டினங்கள்: செப்பு,சிலைப்புசாரண,சிலைப்புசாரண உறுப்பினராக வேண்டியபடி பாட்டினங்கள். செப்பு,சிலைப்புசாரண,சிலைப்புசாரண,சிலைப்புசாரண உறுப்பினராக வேண்டியபடி பாட்டினங்கள்.

4. பாட்டினங்கள்: செப்பு,சிலைப்புசாரண,சிலைப்புசாரண,சிலைப்புசாரண உறுப்பினராக வேண்டியபடி பாட்டினங்கள். செப்பு,சிலைப்புசாரண,சிலைப்புசாரண,சிலைப்புசாரண உறுப்பினராக வேண்டியபடி பாட்டினங்கள்.
1. காரணம்
   □ கல்வியேறிக்கை

2. கல்வியேறிக்கை
   □ கல்வியேறிக்கை

கண்டு கருத்திலிய கல்வியேறிக்கை
2. கல்வியேறிக்கை

பகுதிகள்
1-2

3. பகுதிகள்
   □ சிற்பகாலா

4. பகுதிகள்
   □ கல்வியேறிக்கை-2 பெருமைக்கோழி

களைக்குறிக்கை
2. கல்வியேறிக்கை

களைக்குறிக்கை
2. கல்வியேறிக்கை
стилту

பழக்க: வழக்காயில்

பக்கம் பதில்குறிப்பிட்டு

இலை-3

□ நான்கில் புதியது

□ குறிப்பிட்டு

2. கல்விப் பகுதி

□ கல்விதுறை 

கல்விக்காட்டி

□ கல்வியுடைய திகழ்வு

□ பிராமிப்பியான், அண்டாண்,அதுடி,கத்து செய்யும்.

கத்து குறித்தூடு விளக்கப்படக்கூறு

 Dakshinabikshu

தில்லை இருந்து போட்டியில் அறியும் 2.கல்வியுடைய பதில்குறிப்பிட்டு

பௌத்திகமிலிகுறுக்கு குறிப்பிட்டு அடிப்படையில்.அரும்பறை,திகழ்வுகள்,கத்து

செய்யும்.

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பக்கம்: அரைக்குறிய

பக்கம் பதில்குறிப்பிட்டு

இலை-4

□ நான்கில் புதியது

□ குறிப்பிட்டு

2. கல்விப் பகுதி

□ கல்விதுறை 

கல்விக்காட்டி

□ குறிப்பிட்டு

குறிப்பிட்டு

□ தில்லை இருந்து குறிப்பிட்டு
Palindrome: வேலையாடா நெகண்டு

திறையார் படையா

மாணவரின் அக்டோபர்

பட்டியல்

1. தரும
2. கண்டாய நெகண்டு

கூற்றொன்று

திற்கன்றா

அறிமுகம்

சிற்றொன்று

அறிமுகம்:

இரண்டாம், ஐந்தாம், ஆறாம், ஐந்தாம், ஐந்தாம்.
மாதுரிவழிச்
பட்பொழுதுதல்
தீவு-6,7

மாதிரிபொறிபாடு
☐ மக்கள்காரியியல்
☐ முசுல்மானியியல்
☐ விளையாட்டுறுத்து

அற்றுதல்
☐ விளையாட்டு தீவு
☐ விளையாட்டுச் செய்திகள்

கல்வotenபின்
☐ கல்வியல் மாதிரிக்கல்

இலக்கணம்
☐ விளத்தவியல், பண்பியல், விளாட்டுறுத்து, விளையாட்டு
☐ மக்கள்காரியல், ஆங்கிலம், முசுல்மானியல்

குறிப்பிட்டுள்ள விளையாட்டுச் செய்திகள்
பார்சியன் விளையாட்டு
மாதிரி அயிருட்சாறு பார்சியன் பார்சியன்
விளையாட்டுச் செய்திகள்
விளையாட்டுச் செய்திகள்
கல்வு விளையாட்டுச் செய்திகள்

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மாதுரிவழிச்
பட்பொழுதுதல்
தீவு-7,8

மாதிரிபொறிபாடு

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நூற்றாண்டு

- சுருக்குத்தில் அங்கிருப்போன்

கற்படியும்

- சின்னமுனை

இரங்கக்கட்டம்

- பொதுரைப்பினாரிக்கட்டம்

- பொதுசிவப்பு, பழுந்து, கறி, கட்டுப்பாடு ராணுவம்.

குறிகள் குறிக்களால் ஈடுபாட்டிகளில்

குறிகள் குறிப்பிட்டு அறிவிக்கப்படும். குறிகளில் பாடலும் அறிவியடைந்து பாடலும் பாடலும் நடைமுறையாகவே குறியீடுகளில் அயர்கின்றது. பாடலும் நடைமுறை என்று முற்பாட்டிகளில் பொன்றிருக்கும். குறிகள், கறி, கட்டுப்பாடு ராணுவம்.

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பாடல்: பொய்யுரை

பாடல்பொருள்

- 9,10

குறிகளில் பொய்யுரை

- எறும்பாராடக

- சுருக்கிப்பெருக்கம்

- புதியசுருக்கம், கூர்வா பாடல்

நூற்றாண்டு

- சுருக்கு விளக்கப்பட்டிருக்கும்

- சுருக்குக் குறிப்பிட்டு

கற்படியும்

- சின்னமுனை
திருச்சைக் கல்வி

☐ ஒளி,
☐ அடையாளப்படுத்தல்
☐ பிரபலப்பெருக்கி,குறும்

குறிப்பு: குறிப்பிட்டு விளக்கம் மற்றும் வரைபடங்கள்

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முடி: முடி

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पुस्तकों के नाम
1. सल्फ पाठ्पुस्तक - 7
2. नेटी व्याकरण माला - 5

अपौर्ण

पाठ - 1. वर्दना
व्याकरण - संज्ञा, निक्ष्ट एवं अपठित गद्यांश

उद्देश्य - छात्रों को प्रारंभिक का महत्व हिन्दी। विचारों की भाविक, अभिव्यक्ति, प्रभावी लेखन का अभ्यास, वैदिकता का विकास, शब्द कोश में उपदेश। चात्रों के वैदिक हार, भाषाविज्ञान शक्ति एवं सामान्य ज्ञान में उपदेश आदि। व्याकरणिक ज्ञान बढाना।

मई

पाठ- 2. समादान
पाठ- 3. सुलेख का महत्त्व

उद्देश्य - छात्रों में नैतिक मूल्यों का विकास, अच्छी लिखावट का महत्व, विचारों की भाविक अभिव्यक्ति, प्रभावी पत्र - लेखन का अभ्यास, वैदिकता का विकास, शब्द कोश में उपदेश। व्याकरणिक ज्ञान बढाना।

श्रीमान्वकाश परियोजना कार्य - किसी विषय पर अपने विचार लिखकर एक कहानी लिखना।

जून

व्याकरण - लिंग, वचन, कारक, पत्र लेखन

श्रीमान्वकाश परियोजना कार्य - किसी विषय पर अपने विचार लिखकर एक कहानी लिखना।
जुलाई

पाठ- 4. कर्मचीक
पाठ- 5. चन्द्रशेखर आग्राद
व्याकरण - सर्वनाम,विशेषण,वित्तोत्त शब्द नियन्त्रण और अर्थपूर्ण मद्यपाक

उद्देश्य- कविता पढ़न में स्वच्छ उत्पन्न करना। राशिदयता का परिचय। विचारों की भाषिक अभिव्यक्ति, भाषाकी निर्माण-लेखन का अभ्यास, वौद्धिकता का विकास, शब्द कोश में वृद्धि। छात्रों के वैद्युनिक चर, भावप्रश्न शक्ति एवं सामाजिक ज्ञान में पृथ्वि आदि। व्यक्तित्वकी ज्ञान बढ़ाना।

अगस्त

पाठ- 6. हिमालय की एक चटनी
पाठ- 8. पर्यावरण सुरक्षा व्याकरण -काल,निविन्त,अन्नप्राप्त विधि लेखन और अर्थपूर्ण मद्यपाक

उद्देश्य- पर्यावरण के सर्वभौम ज्ञानकारी देना। विचारों की भाषिक अभिव्यक्ति, भाषाकी निर्माण-लेखन का अभ्यास, वौद्धिकता का विकास, शब्द कोश में वृद्धि। छात्रों के वैद्युनिक चर, भावप्रश्न शक्ति एवं सामाजिक ज्ञान में पृथ्वि आदि। व्यक्तित्वकी ज्ञान बढ़ाना।

सितम्बर-अक्टूबर

पाठ- 11. भारत की अखंडता के निर्माता सरदार पटेल
पाठ- 13. मेरा विद्वानों जीवन व्याकरण - किस्म-विशेषण,शब्द तथा वाक्य संशोधन शुद्धियों,निविन्त

उद्देश्य- मद्यां विद्वानों की जीवन गाथा का ज्ञान बढ़ाना। विचारों की भाषिक अभिव्यक्ति, भाषाकी निर्माण-लेखन का अभ्यास, वौद्धिकता का विकास, शब्द कोश में वृद्धि। छात्रों के वैद्युनिक चर, भावप्रश्न शक्ति एवं सामाजिक ज्ञान में पृथ्वि आदि। व्यक्तित्वकी ज्ञान बढ़ाना।
स्तर, भावश्रेण शक्ति एवं सामान्य ज्ञान में वृद्धि आदि। व्याकरणिक ज्ञान बढ़ाना।

सितंबर-अक्टूबर

पाठ- 11. भाषा की अक्षरार्थ के निर्माण हरदार पठें  
पाठ- 13. मृत्यु विद्वानः जीवन  
व्याकरण - क्या-विश्लेषण, शब्द तथा वाक्य संबंधी शब्दशीर्ष, निवन्ध  

उद्देश्य - महान व्यक्तियों की जीवन गाथा का ज्ञान बढ़ाना। विचारों की भाषण अभिव्यक्ति, प्रभावी निर्देश-लेखन का अभ्यास, वैद्यसृष्टिता का विकास, शब्द कोश में वृद्धि। छात्रों के वैद्यसृष्टिक स्तर, भावश्रेण शक्ति एवं सामान्य ज्ञान में वृद्धि आदि। व्याकरणिक ज्ञान बढ़ाना।

नवम्बर-दिसंबर

पाठ- 15. विचारित  
पाठ- 16. दौड़ा दस्तक  
व्याकरण - अनेक शब्दों के लिए एक शब्द, पर्यायवाची शब्द, निवन्ध और अपठित गद्यांश  

उद्देश्य - हिंदी की विविध विभागों से परिचय। समाज में फैली व्यवहारों से अभ्यास  
करना, विचारों की भाषण अभिव्यक्ति, प्रभावी निर्देश-लेखन का अभ्यास, वैद्यसृष्टिता का विकास, शब्द कोश में वृद्धि। छात्रों के वैद्यसृष्टिक स्तर, भावश्रेण शक्ति एवं सामान्य ज्ञान में वृद्धि आदि। व्याकरणिक ज्ञान बढ़ाना।

दिसंबर अवकाश परियोजना कार्य

जनवरी

पाठ- 20. धन की खोज   
पाठ- 21. प्रदूषण  
व्याकरण - प्रकृति और अपठित गद्यांश, विलोम शब्द  

उद्देश्य - छात्रों में नैतिक मूल्यों का विकास। विचारों की भाषण अभिव्यक्ति, प्रभावी व्य- 
लेखन का अभ्यास, वैद्यसृष्टिता का विकास, शब्द कोश में वृद्धि। छात्रों के वैद्यसृष्टिक 
स्तर, भावश्रेण शक्ति एवं सामान्य ज्ञान में वृद्धि आदि। व्याकरणिक ज्ञान बढ़ाना।
FRENCH

APRIL - MAY

TOPIC :
On fait des projets/

CONTENTS:
On voyage
- Comment viens-tu au collège ?
- Quel moyen de transport préfères-tu ?
- Comment voyage-t-on en France ? etc
- Qu’est-ce qu’on peut faire… ?

OBJECTIVES:

Students should be able to:
- discuss different means of transport locally and overseas to different countries
- discuss possible activities or plans in different venues

GRAMMAIRE:
- Prepositions with town/countries
- Voir, venir (present tense)
- Aller + infinitive
- Pouvoir + infinitive.

JULY

TOPIC :
Au collège

**CONTENTS:**

*Les activités au collège, ou à la maison etc*

- Qu’est-ce que tu as fait hier au collège ?
- Qu’as-tu mangé au petit déjeuner ?
- Qu’as-tu acheté en ville samedi ?

**Students should be able to:**

- speak about their daily activities before going to school, and at school
- talk about daily routines
- give opinions about school subjects and aspects of school life
- discuss what they did recently at home at school.

**GRAMMAIRE:**

- using dire,lire and ecrire
- using prendre,apprendre and comprendre.
- using reflexive verbs.
- using vouloir.

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**AUGUST**

**TOPICS:**

En famille

Bon appétit !

**CONTENTS:**

Dans un café et un restaurant

- Qu’est-ce que tu prends ?
- Je voudrais …
- Avez-vous choisi ?
- Comme plat principal. Je voudrais

**OBJECTIVES**

**Students should be able to:**

- buy drinks and snacks in a café
- order a meal in a restaurant
- understand and answer questions when staying with a French family
- give the host family a description of themselves

**GRAMMAIRE:**

- Revision of present tense of avoir
- Contrasting past and present tenses
- Perfect tense with avoir, regular –er,-re,-ir verbs.
- Using ce,cet,cette,ces..
- Using boire (present tense)
- Using pour + infinitive (optional)
- Revision of perfect tense with regular verbs.
- Using irregular and past participles
- Questions in the perfect tense.
- The perfect tense in the negative.

SEPTEMBER

Révision :

A : Pierre fait tout ça ?
This tests materials from unit 1-5

B : la semaine de Claudine
This tests reflexive verbs from unit 1-5

OCTOBER

CONTENTS:

On voyage en train, en avion, en bateau
- Le train/ l’avion/ le bus part à quelle heure ?

OBJECTIVES

Students should be able to:

GRAMMAIRE:
- Using partir (present tense)
- Revision of être
- Il faut + infinitive.
- Perfect tense with être
- Using the perfect tense with avoir and être.

NOVEMBER

TOPIC :
Ça va :

CONTENTS:

La Mode –
Qu’est-ce que tu mets pour aller à une boum ?
- Est-ce que tu aimes les vêtements à la mode ?

OBJECTIVES
Students should be able to:
- discuss clothes and what to wear
- discuss fashion
- understand what the doctor asks
- explain what is wrong
- understand what you are told

GRAMMAIRE:
Using mettre(present, perfect)
Agreement of adjectives
Using direct object pronouns
Avoir mal+parts of the body
Using the imperative
Using dormir(optional)

JANUARY

TOPIC:
Rendez-vous!

CONTENTS:

Qu’est-ce qu’on va faire ?
Ou sont-ils alles ?
Qui dit ca ?
On parle des loisirs.

GRAMMAIRE:
- Using sortir
- Revision of other common verbs
- Using si, quand, mais.
- Revision and practice of perfect tense.
- C’était as a lexical term

FEBRUARY

Révision:

C : Tu vas me reconnaitre
This task tests clothes and appearance

D: Paul prendre le train
This task tests travelling vocabulary and some elements of clothing and illness.

E: Qu’est-ce qu’on va faire?
This task tests food and meals.
COMPUTER APPLICATIONS

APRIL - MAY

CONTENTS:
Looping Statements in QBasic

LEARNING OBJECTIVES:
- To be able to differentiate between the various parts of loops.
- To be able to differentiate between the various types of loops.
- To be able to write program based on Counter method.
- To be able to apply accumulator in QBasic program.
- To be able to apply FOR-NEXT, While-Wend, Do Loop in the QBasic program.
- To be able to apply Do Loop with While & Until.
- To be able exit for the loop.

ASSIGNMENTS:
- Book activity, Tech bytes, Bits to remember, Crossword Zone & Assessment zone.
- QBasic programs as Lab Work
- Lab Zone Activity from the text book.
- Image Study from the text book.

JUNE

CONTENTS:
Looping Statements in QBasic

LEARNING OBJECTIVES:
- To be able to practically implement the application of Qbasic.

Project: Selected QBasic programs to be typed in QB64 software and the print of the code and the output will be compiled in MS Word.

JULY - AUGUST

CONTENTS:
Graphic and Sound Programming in QBASIC

LEARNING OBJECTIVES:
- To be able to use various commands to draw different
- To be able to use various commands to generate sound
- To be able to use play music using QBASIC code

ASSIGNMENTS:
- Book activity, Tech bytes, Crossword Zone & Assessment zone.
- Lab Zone Activity from the text book.
- Image Study from the text book.

Project: To display Indian national flag on the QBASIC screen while playing the national anthem. The compilation of the code and the output will be done in MS Word.

OCTOBER - NOVEMBER

CONTENTS:
Handling Formulas in MS Excel

LEARNING OBJECTIVES:
- To be able to perform Calculations
- To be able to identify the elements of the formula - Cell reference, Operators, Constants and Functions
- To be able to identify the hierarchy of the Operators
- To be able to implement the formula in the Excel sheet
- To be able to identify the various types of errors and rectify them

ASSIGNMENTS:
- Tech Bytes, Bits to remember, Assessment zone - Objective and do Subjective questions, Crossword puzzle
- Lab Zone Activity from the text book
- Image Study from the text book.

Project: To be able to prepare a Students’ Mark sheet in Excel and calculate the average and percentage rounded to 2 decimal points. The excel worksheet will have background formatting and borders.

JANUARY - FEBRUARY

CONTENT:
1. Advanced Features of MS Power Point
2. Internet services

LEARNING OBJECTIVES:

**MS PowerPoint:**
- To be able to insert sound and movie in the PowerPoint slides.
- To be able to implement the concept of OLE - Linking & Embedding.
- To be able to insert text & image Hyperlinks in the slide.
- To be able to publish the presentation as a web page.
- To be able to create effective presentation with the help of the given tips in the text book.

**Internet Services:**
- To be able to identify and differentiate between different search engines
- To be able to perform Desktop search
- To be able to send email using the mentioned rules and follow email etiquettes
- To be relate with Chat, Video Conferencing, Blogs, Newsgroup, Podcast, Social Networking, E-Commerce, M-Commerce and Computer Ethics.

ACTIVITY/ASSIGNMENT:

**PowerPoint:**
- Tech Bytes & Bits to remember
- Assessment zone - Objective and do Subjective questions
- Crossword puzzle
- Image Study from the text book.

**Internet Services:**
- Tech Bytes, Bits to remember, Assessment zone - Objective and do Subjective questions, Crossword puzzle
- Lab Zone Activity from the textbook

**Project** - PowerPoint presentation to be prepared with custom animation, video, sound, OLE, hyperlink and action buttons. The presentation will be published as a web page.
# ART & DESIGN

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| AUGUST – OCTOBER   | □ Concept of Sketching a picture in proportion by dissecting a picture visually.  
                      □ Sketching – Colour pencils, Graphite                                  |
| SEPTEMBER          | Exam                                                                    |
| NOVEMBER           | □ Application of sketching reinforced.                                  
                      □ Sketching – Colour pencils ...continued                             
                      □ Drawing in 3d – Understanding Eye level/ Vanishing point/ Light/ Shading using pencils. |
| DECEMBER           | Holiday                                                                |
| JANUARY            | □ Sketching / Freehand drawing reinforced.                              
                      □ Still Life using water colour pencils                                 |
| FEBRUARY – MARCH   | Still Life using water colours                                          |