Content

2  English
6  Mathematics
13 General Science
18 Social Studies
22 Computer Applications
29 Hindi
32 French
35 Tamil
40 Art & Design
ENGLISH

SEMMESTER - I

APRIL

CONTENTS:
- Prose – So you think you can divide!
- Workbook units to be completed in accordance with the lessons taught.
- Grammar – Creative writing
- Comprehension
- Reader – Huckleberry Finn

LEARNING OBJECTIVES:
- Comprehending and analyzing the chapter
- Poem: Students are able to identify and analyze
  - Image – the picture of the poet
  - Lines – the basic building blocks of a poem
  - Mood – whether the poem evokes sadness or portrays exuberance
  - Rhyme – identify the rhyming pattern used in the poem
- Students learn about the different parts of speech, learn that English is governed by structures regarding word use and how these words are used in sentences, with a recap of Nouns.
- Develop Reading Skills: “Huckleberry Finn”

MAY

CONTENTS:
- Prose – A Flash of Light
- Poem – Sour grapes
- Workbook units to be completed in accordance with the lessons taught.
- Grammar – Articles
- Formal Letter
- Comprehension
- Reader – “Huckleberry Finn”

LEARNING OBJECTIVES:
- Comprehending the text with stress on thought building and creativity.
- Build Vocabulary: Importance of Syllables for correct spellings and Pronunciation of words.
- Learn to build a story with the picture given.
JUNE and JULY

CONTENTS:
Prose : Robinson Crusoe
Poem : The Skylark

Workbook units to be completed in accordance with the lessons taught.
Grammar:
  o Nouns
  Pronoun (Personal, Reflexive and Possessive)

Comprehension
Reader – “Huckleberry Finn”

LEARNING OBJECTIVES:
• Comprehension of the chapter
• Encourage the use of Dictionary: Build Vocabulary
• Enable the students to use correct punctuation marks in their writing and to read accordingly.

AUGUST

CONTENTS:
Prose – The Minotaur
Poem: Stopping by woods on a snowy evening

Workbook units to be completed in accordance with the lessons taught.
Grammar –
  o Adjectives
  o Adverbs
Picture Composition
Comprehension
Reader – “Huckleberry Finn”

LEARNING OBJECTIVES:
• Recite, Comprehend and enjoy the poem with correct intonation.
• Comprehend the central idea of the chapter by arranging the series of events.
• Encourage building and framing the answers
SEPTEMBER

REVISION
I SEMESTER EXAMINATION

SEMESTER - II

OCTOBER

CONTENTS:

Prose :
- My Parents kept me from children who were rough
- Karate parrot

Workbook units to be completed in accordance with the lessons taught.

Grammar:
- Verbs (Transitive and Intransitive)
- Punctuation
  - Informal Letter

Comprehension
Reader – Huckleberry Finn

LEARNING OBJECTIVES:

- Comprehension of the chapter, group discussion and correct Pronunciation of words
- Introduce the concept of Figure of Speech: Metaphor

NOVEMBER and DECEMBER

CONTENTS:

Prose – No further than Mandya

Workbook units to be completed in accordance with the lessons taught.

Grammar – Tenses:
- Simple (Present, Past, Future) and continuous (Present and Past)

Comprehension
Reader – Huckleberry Finn

LEARNING OBJECTIVES:

- Comprehend the chapters
- Develop the ability to construct answers by arranging series of events
- Enactment of the story for a better understanding
JANUARY

CONTENT:

- Prose – Ravi at the Concert – I
- Ravi at the Concert – II

Workbook units to be completed in accordance with the lessons taught.
- Grammar – Direct and Indirect Speech
- Comprehension
- Reader – Huckleberry Finn

LEARNING OBJECTIVES:

- Introduce the concept of Character Sketch
- Recite, appreciate and comprehend the poem.
- Comprehend and analyze the chapter

FEBRUARY

CONTENT:

- Poem: The road not taken.

Workbook units to be completed in accordance with the lessons taught.
- Grammar:
  - Conjunctions
  - Preposition
- Comprehension

LEARNING OBJECTIVES:

- Recite, appreciate and comprehend the poem.
- Comprehension of the chapter and correct usage of the language.
- Enhance vocabulary. Correct diction and improve oratorical skills.
- Enhance writing skills.
- Revision Worksheets

MARCH

- REVISION
- II SEMESTER EXAMINATION
MATHEMATICS

SEMESTER - I

APRIL

CONTENT:

- Large Numbers
- Roman Numbers
- Basic operations involving large numbers

LEARNING OBJECTIVES:

The student will be able to:

- Understand the concept of large numbers.
- Read and write numbers according to the Indian and International Number system.
- Learn to classify different types of numbers.
- Understand the concept of Roman numerals.
- Apply the concept of basic operations to solve word problems.

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.

MAY

CONTENT:

- Factors and Multiples
- Tests of divisibility

LEARNING OBJECTIVES:

The student will be able to:

- Understand the concept of finding LCM and HCF of counting numbers.
- Comprehend the divisibility tests and apply the techniques to check the divisibility of numbers.

ACTIVITIES:

1. Use of white board to solve examples based on these operations.
2. More numerical based on LCM & HCF other than those done in the class and worksheets.
3. Quiz on divisibility tests.
JUNE

CONTENT:
- Plane, angles and lines

LEARNING OBJECTIVES:

The student will be able to
- Learn the terms and notations of geometry.
- Identify the classification of angles.
- Acquire the skill of drawing geometrical figures and the ability to relate the data to solve problems based on the topic.

ACTIVITIES:
- Collecting & pasting pictures based on examples of different lines.
- Making lines, angles by folding or cutting papers.
- Using a clock to understand the concept of angles.
- Interesting worksheets based on lines and angles.

JULY

CONTENT:
- Fractions
- Decimals

LEARNING OBJECTIVES:

The student will be able to
- Understand the application of the operations-addition, subtraction, multiplication and division in fractions.
- Use the above concept in solving numerical and also in day-to-day experiences.
- Reinforce the skills learnt using the different operations.
- Differentiate between the four operations.
- Learn to place the decimal point for multiplication and division.
- Learn to use decimals points in measures of money, length, mass and capacity.

ACTIVITIES:
- Work sheets to solve in class under the teacher’s supervision.
- Students will be making fractions by folding of origami paper.
- Citing examples of fractions and decimals in day to day life.
- More numerical based operations other than those done in the class and worksheets.
AUGUST

CONTENTS:
- Unitary method
- Averages
- Simplification of numerical expressions
- Triangles

LEARNING OBJECTIVES:
The student will be able to
- Understand the meaning of unitary method and solve problems involving them.
- Understand the meaning of average and solve sums based on average.
- Interpret the BODMAS rule and do simplification of expressions.
- Define a triangle and learn the basic concepts of a triangle.
- Comprehend the classification of triangles.

ACTIVITIES:
- Solve numericals 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
- Classroom activities like cutting out paper triangles of different types.
- Drawing triangles with a right angle, obtuse angle and acute angles.
- The students will find the average of their marks, class performance, heights and weights.
- 8. To collect data based on the age of students in a class and finding the average age of students in class.
- 9. The student will find the average of the temperatures during that week.

SEMIESTER II

OCTOBER

CONTENT:
- Percentage
- Money
- Profit and loss

LEARNING OBJECTIVES:
The student will be able
- To acquire the skill to solve sums based on percentage.
- Apply the concept of percentage and interpret statement problems.
- Understand the concept of cost price, selling price, profit and loss.
- To solve problems based on profit and loss.
ACTIVITIES:
- Quiz on percentage
- Students will calculate percentage taking examples in our daily life i.e. percentage of attendance, percentage of marks obtained by them etc.
- Students will calculate profit or loss under the teacher’s supervision.

NOVEMBER

CONTENT:
- Simple Interest
- Metric measures of length, mass & capacity

LEARNING OBJECTIVES:

The student will be able
- Understand the meaning of the terms- simple interest.
- Learn new terms like principal, time, rate of interest and amount.
- Use the formulas to find the simple interest and amount.
- To understand the importance of worldwide use of metric system.
- Apply basic mathematical operations in metric system.

ACTIVITIES:

- The students will learn the formula for simple interest and find ways to change the formulae according to the requirement.
- Quiz based on conversions of units

JANUARY

CONTENT:
- Area and Volume
- Polygons
- Circles

LEARNING OBJECTIVES:

The student will be able to
- Find the areas by counting the squares.
- Learn the formulae for area and perimeter of a square and rectangle.
- Find areas of diagrams by dividing into rectangles, squares and triangles.
- Interpret the meaning of volume of different solid surfaces.
- Find the volumes of cubes and cuboids with given dimensions.
- Acquire the skill of drawing geometrical figures.
- Learn the terms and notations of geometry.
- Identify different polygons and learn their names.
- Draw circle using compasses.

ACTIVITIES:
• Students construct solid models using cardboard cutouts and calculate their volumes.
• Students make models of these solids and apply formulae to find their dimensions, surface areas and volumes.
• Quiz based on framing algebraic expressions and identifying like & unlike terms.

FEBRUARY

CONTENT:
• Algebra
• Graphical representation of data

Students will be introduced to a new branch of Mathematics - Algebra.

LEARNING OBJECTIVES:

The student will be able to

• Understand the concept of variables and co-efficients.
• Identify like and unlike terms.
• Substitute values for variables and simplify.
• Learn the basic operations (addition and subtraction) on Algebra.
• Frame simple algebraic expressions based on the given problem.
• Acquire the skill of mathematical computation to be applied in statistical problems.
• Draw column graphs and pie charts using given data.
• Interpret data from statistical graphs.

ACTIVITIES:

• Discussion in class to understand the concept of statistics and relating it to real life situations.
• Learning to interpret data of a given graph and vice versa.
• Making charts based on the birth months.

MARCH

• REVISION
• II SEMESTER EXAMINATION

QUESTIONS FOR PRACTICE:

Q1. Work out the following and write the correct answers.

1) The human body consists of 2/3 water. What percentage is this?

2) What percent is 45 of 150.
3) Change 34/68 into percent.

4) Find the S.P when C.P = Rs. 350, profit = Rs. 56.

5) 5 % of 1250

6) Find the interest when Principal= Rs. 500, Rate = 5% and Time = 4 years.

Q2. Solve the following problem sums.

1) 60% of students in a class are boys. Find the number of girls.

2) Out of a salary of $1875, a man saves $250 . What percentage of his salary does he save?

3) Find the cost of 12 such pens when the cost of 5 pens is Rs. 40.

4) Find the interest if Principal is $ 1629.90 and Amount is $ 1800.

5) Find the S.P if C.P is $200 and profit is 5%.

Q3. Fill in the blanks.

1) When two lines intersect, the two pairs of angles which are opposite to each other, form _________ angles.

2) If S.P of an object is $ 15 and loss is $2.50 then C.P will be ____________.

3) Draw an acute angle.

4) Two angles with a common ray is called _________.

5) If the principal is Rs. 400 and interest is Rs. 50, the Amount will be _________

Q4. Solve the problem sums with proper working.

1) Sohan deposited $ 8500 in a bank which gives 12% interest, how much interest will she get at the end of 6 years?

2) A dealer bought a car for $50,000. He sold it for Rs.45000. What was his loss percent?

3) An angle is Y°. Its supplement is 2y °. Find the value of Y°.

4) Find the area of the Rectangle, If the perimeter of the rectangle is 18cm.

A 5cm B
C D

5) Find the angle C if angle A = 45 degree and angle B = 55 degree.

A
B C

6) Find the perimeter and area of the given square.
5. a) Convert 200 degree Celsius into Fahrenheit scale.
b) Convert 131 degree Fahrenheit into Celsius scale.

Q6. Solve:

a) Write the following using numbers, literal numbers and signs of basic operations:

i) 6 added to the product of 5 and x

ii) Thrice the number x added to twice a number y

b) Simplify:

i) 3h + 4k + 7k – h

ii) 4xy + 5x + 7y
APRIL

**CONTENT:**

- Plant Life

**LEARNING OBJECTIVES:**

- Recalls the different types of plants and their role in our lives
- Learns about pollination, germination and reproduction
- Learns about the parts of seed
- Learns about the importance of dispersal of seed
- Learns about the different agents of dispersal
- Recalls the various conditions for proper growth of plants
- Understands that the new plants can grow from various parts of the plant other than seed
- Learns about summer and winter crops
- Describes the protection of crops by various methods

**ACTIVITIES:**

- Observes the various parts of the plant
- Collection of seed with hair and hooks (to show dispersal)
- Visual learning of dispersal of seeds.
- Worksheet 1

MAY

**CONTENT:**

- Simple Machines

**LEARNING OBJECTIVES:**

- Recalls and lists various forms of energy – Light is a form of energy
- Realizes that machines help to make the work easier
- Identifies some machines and describes how they work
- Demonstrates the working of simple machines (lever) by using scissors, spoon, stapler, bottle opener etc.
- Differentiates the three orders of levers
- Understands that screw is an inclined plane
- Lists the examples of inclined plane, pulley and wheel & axle
- Lists the various simple machines used in day to day life

**ACTIVITIES:**
- Brings various simple machines to the class and classifies them into various categories
- Observe the work done by the different types of lever
- Experiment to understand displacement method to find out the volume of irregular solids.
- Worksheet 2

**JUNE**

**CONTENT:**
- Safety and First Aid

**PROJECT WORK ON SAFETY AND FIRST AID / SIMPLE MACHINES**

**JULY**

**CONTENT:**
- Animal Life
- Rocks, Soils and Minerals

**LEARNING OBJECTIVES:**
- Recalls the different types of animals based on habitat
- Classification of animals based on their movement
- Lists and compares the various types of movement in different animals
- Learns the different adaptive features of the animals living in land, water and air.
- Realizes the importance of breathing in all the animals
- Comparative study of breathing mechanisms in fishes, insects and mammals
- Classification based on the feeding habits in all the animals.
- Classification based on body coverings.
- Learns about the migration in birds and animals
  - Learns about the different types of rocks.
  - Learns about the uses of rocks and minerals.
  - Learns about the formation of coal and petroleum.
  - Learns about soil erosion and soil conservation.

**ACTIVITIES:**
- Observes the movement and breathing mechanism of live fish
- Chooses five unique animal of their choice and writes about its special features
- Collects different types of rocks.
- Worksheet 3

**AUGUST**

**CONTENT:**
• Bones and Muscles

LEARNING OBJECTIVES:
• Recalls the various systems of the body and their functions
• Realizes that the organs work together to perform a function
• Understands the concept of skeletal system
• Lists the various parts of the skeleton
• Learns about the joints and their types.
• Understands the concept of muscular system
• Understands the working of our muscles and their kinds.
• Realizes that skeletal framework is necessary to give strength and a definite sha
to a structure

ACTIVITIES:
• Observation of parts of human skeleton
• A PowerPoint presentation / online pictures on organ systems

• Worksheet 4

OCTOBER

CONTENT:
• Food and Health

LEARNING OBJECTIVES:
• Appreciates the importance of balanced diet
• Differentiates communicable and non-communicable diseases
• Lists the names of various microbes
• Names some diseases caused by different microorganisms
• Learns about the ways of spreading of communicable diseases
• Lists the preventative measures to be taken against spreading of communica
diseases
• Learns what are vaccines and how they help in prevention of communica
diseases
• Understands the ways by which immunity can be built
• Learns about non-communicable diseases
• Understands the cause of allergies
• Understands the importance of healthy living.

ACTIVITIES:
• Collect information about any one communicable disease, its causes and methods
of prevention

• Worksheet 5
NOVEMBER

CONTENT:
- Wonders of Air

LEARNING OBJECTIVES:
- Understands layers of the atmosphere
- Recalls the states of matter and their physical properties.
- Understands the mixture of gases and the properties of air
- Demonstrates the use of air pressure in lifting liquids using a straw or a dropper
- Observes with an experiment that air is needed for burning, and air has weight
- Understands the uses of air

ACTIVITIES:
- Experiments to demonstrate air exerts pressure, air has weight
- Experiment to understand air supports burning
- **Worksheet 5**

JANUARY

CONTENT:
- Light and Shadow
- Natural Calamities

LEARNING OBJECTIVES:
- Learns about the properties of light
- Learns about the kinds of objects
- Understands the formation of shadows
- Recalls the phases of moon and the light reflection
- Understands the formation of low and high tides
- Understands the meaning of satellite
- Defines an eclipse and differentiates between lunar and solar eclipses
- Differentiate between artificial and natural satellites
- Lists the various uses of artificial satellites
- Lists the forces that changes the condition of the earth
- Recalls the different types of natural calamities
- Learns about earthquakes
- Learns about volcanic eruptions and landslides
- Understands the cause of Tsunami
- Understands the cause of floods and drought
- Realizes the consequences of natural disasters
ACTIVITIES:

- Experimental observation to understand light travels in straight line.
- Observes the eclipse formation using globe, torch and ball
- Observation of solar, lunar eclipse through PPT presentation.
- Collect pictures related to natural calamities and paste them in the notebook
- **Worksheet 6**

FEBRUARY

CONTENT:

- Our nervous system
- Our Environment

LEARNING OBJECTIVES:

- Realizes that the body is controlled by central nervous system
- Understands the parts of Brain and their functions.
  - Interpret the peripheral nervous system and reflex action.
  - Learns about the importance of nerves and their kinds.
- Lists the different sense organs
- Understands the concept of the stimuli received through our sense organs.
  - Learns about the different components of the Ecosystem.
- Learns about the different types of pollution.
  - Learns about the types of conservation methods.

ACTIVITIES:

- Observation of parts of human skeleton
  - A PowerPoint presentation / online pictures on organ systems
  - Discussion on the different methods of waste disposal.
  - **Worksheet 7**
SOCIAL STUDIES

APRIL

CONTENT:
Chapter – Our Earth
Chapter – Globes and Maps

LEARNING OBJECTIVE:
Students will understand
- Shape of the Earth.
- How to use concepts on the Globe and Maps.
- Understand the need of Maps

MAY

CONTENT:
Chapter – Movements of the Earth
Chapter – Climate

LEARNING OBJECTIVE:
Students will
- Understand Rotation and Revolution
- Study the factors affecting the climate of a place.
- Understand Key words-weather, climate, Torrid Zone, Temperate Zone, Frigid Zone, humid

JUNE-JULY

CONTENT:
Chapter – Equatorial Regions – The Land of Dense Forest.
Chapter – The Hot Deserts

LEARNING OBJECTIVE:
Students will understand
- Study Dense Forests of Africa and life of Pygmies.
- Study Equatorial Hot and Wet climates found in the regions that are located between 10° N and 10° S of the Equator.
- Students will understand the physical features, climate and different types of deserts. The unique ways of the tribes living in the desert will also be discussed.
- Study Saudi Arabia’s location, development and progress.
AUGUST

CONTENT:
Chapter – The Temperate Grasslands
Chapter – The United Nations

LEARNING OBJECTIVE:
Students will be able to understand
- Students will understand the physical features, climate, vegetation, animal life and human life of The Temperate Grasslands
- Formation Of The UN
- Main Organs Of The UN
- Achievements Of The UN
- To learn Achievements Of The UN
- about the Special Agencies

SEPTEMBER

- REVISION
- 1 SEMESTER EXAMINATION

OCTOBER

CONTENT:
Chapter – Fundamental Rights and Fundamental Duties
Chapter – Tundra Region

LEARNING OBJECTIVE
Students will be able to understand
- The Fundamental Rights and Fundamental Duties
- Introduction to the life in The Tundra Region.
- Explanation of lifestyle suited to the extreme cold climate.
- Key words- Icebergs, Igloo, Eskimos.
NOVEMBER - DECEMBER

CONTENT

Chapter – The British Raj
Chapter – The Beginning of the Struggle

LEARNING OBJECTIVE:

Students will be able to understand

- The Fundamental Rights and Fundamental Duties.
- Key words – Doctrine of Lapse, First war of Independence, Battle of Plassey and Buxar.
- To learn about social evils like the caste system, sati and child marriage.
- Understand the formation of the Indian National Congress Understand The Revolt Of 1857.

JANUARY

CONTENT:

Chapter – The Freedom Movement
Chapter – The World OF Growing Knowledge

LEARNING OBJECTIVE:

- To understand key words - Harijans, Jallianwala Bagh, Non – Cooperation Movement, Civil Disobedience Movement, Quit India Movement, Indian National Army.
- To learn about the role of Mahatma Gandhi in the freedom struggle.
- To learn about the communication techniques.

FEBRUARY

CONTENT:

Chapter – Natural Disasters

LEARNING OBJECTIVE:

To understand:

- To learn about various natural Disaster
- Precautions and Mitigations
- To learn about Disaster Management
MARCH

- REVISION
- II SEMESTER EXAMINATION

COMPUTER APPLICATIONS
APRIL - MAY

CHAPTERS:
- Learning About HTML (Notes will be provided)
- Text and Hyperlinks (Notes will be provided)

HTML
Introduction (Notes will be provided)
- The HTML Language
- Structure of the HTML document – Container tags.
  - The HTML tag
  - The HEAD tag
  - The BODY tag

Text Formatting (Notes will be provided)
- The BOLD tag
- The Italics tag
- The Underline tag
- The Superscript tag
- The Subscript tag
- The Preformatted tag

Some Standalone Tags (Notes will be provided)
- The Paragraph tag
- Then Line break tag
- The Horizontal tag
- Heading Tags, alignment of text and headings

Fonts (Notes will be provided)
- The FONT tag
- The SIZE attribute
- The COLOR attribute

LEARNING OBJECTIVES:
- Learn about HTML, its application in developing web pages and further enhance the features of web page by using appropriate tags.

ACTIVITY/ASSIGNMENTS:
- HTML – Basic Structure of HTML program
- Viewing the source code of the Web Page.
- Creating a HTML document using Notepad.
- Editing the webpage in Internet Explorer.
- To write HTML code using bold, italic, underline tags.
- To write HTML code using various combinations of font color and size tags.
- To create a web page as shown below, by using appropriate formatting tags.
DPS INTERNATIONAL SCHOOL

OUR AIM
To be a class apart
Caring
Learning
Achieving
Sharing
Social Responsibility

OUR MISSION
A caring school where all children are happy and well motivated. Where they are challenged and achieve high standards a fun and enriched curriculum. A school where all members of the school community have equal access to learning opportunities and enjoy growing and learning together.

OUR ASPIRATIONS
Caring
Challenge
Community
Creativity
Consistency
Contribution
Communication

a) The title of the webpage should be “My School Web Page”
b) The heading of the page DPS INTERNATIONAL SCHOOL biggest size.
c) Subtitle heading OUR AIM should be font color blue size 5. Use preformatted tag for the following text.
d) Subtitle heading OUR MISSION. Use bold, italic and underline tags for formatting.
e) Subtitle OUR ASPIRATIONS should be red in color size 3. The following text to be aligned to centre.
f) Use horizontal tags to divide the web page.
   • Assignments given the activity section of the HTML notes to be worked out in lab.
   • Related revision worksheet will be given.

JUNE - JULY

CHAPTER:
Hyperlinks (Notes will be provided)
• Creating hyperlinks to web pages.
• Creating hyperlinks for email addresses

LEARNING OBJECTIVES:
• Learn about hyperlinks, how to create hyperlinks to the web pages and how to create hyperlinks for email addresses

ACTIVITY/ASSIGNMENTS:
• Assignments given the activity section of the HTML notes to be worked out in lab.
• Related revision worksheet will be given.

AUGUST

CHAPTER:
Background and Images (Notes will be provided)
• Giving colors to background and text
• Working with Images
  • Inserting picture or images
  • Aligning images and creating borders.
  • Using image as hyperlink, and background.

LEARNING OBJECTIVES:
• To learn about different images/graphics and the necessity of images in documents.

ASSIGNMENTS:
• Assignments given the activity section of the HTML notes to be worked out in lab.
• Related revision worksheet will be given.

PROJECT WORK (due Aug)
• Create a Web page having hyperlinks to three web pages “dps.htm”, “giis.htm”, “nps.htm”
• Enter three lines about each school in three different web pages and name a hyperlink to go back to the main page.
• Give colour of your choice to the background, text and links on each page.
• Place an image of each school in the web page.
SEPTEMBER

- EXAMS -

OCTOBER

CHAPTER:

Working with Microsoft Word
- The Ribbon, Quick Access Toolbar (revision)
- Inserting WordArt and use of toolbar – formatting, wrapping, resizing the WordArt Object
- Inserting ClipArt and Picture from file. Formatting a picture, style it, border, special effects, cropping, resizing and placing the image.
- Inserting shapes.
- Border and Shading, Page Border and Color.

LEARNING OBJECTIVES:
- Learn about advanced features of Microsoft Word.

NOVEMBER - DECEMBER

Algorithms and Flowcharts
- Introduction
- Algorithms - Step by step process
- Flowcharts – Learn the various symbols and relate with Algorithms

LEARNING OBJECTIVES:
- Learn about advanced features of Microsoft Word.
- Learn about the relation between Algorithms and Flowchart and their implementation.

ASSIGNMENTS:
- Draw various shapes using auto shapes option.
- Exercises on page 40 – 41
- Activity on pg 42 of textbook.
- Exercises on page 77 – 79

PROJECT WORK (due: November)
Create a document in Ms Word on Classification of computers.
Use page border, page colour and clip art to make your page more attractive.(ref page 41)
CHAPTER:

Presentation in PowerPoint
- Revision on basic presentation techniques in PowerPoint

More on PowerPoint
- Giving your Slides a Professional Look.
- Apply Themes, Pictures as Bullets, ClipArt, WordArt and Shapes

Animating your Slides
- Types of animation
- To animate an object and to modify an effect
- Add Transitions to multiple slides and add sound
- Learn to set speed of Animation.
- Learn to apply Preset Animation schemes

LEARNING OBJECTIVES:
- Learn how to give a professional look to the slides in PowerPoint.
- Learn how to make effective presentations including sounds, speed and preset animation schemes.

ASSIGNMENTS/ACTIVITY:
- Exercises page no. 53 – 55
- Exercises page no. 64 – 65
- Exercises page no. 71 – 72
- Related Worksheet to be given

PROJECT WORK (due: February)
To create a PowerPoint Presentation on Global warming. (ref. Page 65)

MARCH

- Revision

MODEL PAPER

SECTION A

Q 1. Fill up the blanks:

1. __________ is known as volatile memory.
2. The primary memory is made up of _____ and _____.
3. To color the backgrounds, the texts and the links of the web page, all we need to do is to add more attribute to _______ tag.
4. The *not visited hyperlinks* are denoted by the ______ attribute.
5. In MS-Word, ______ tool is used to make an attractive page border.
6. In PowerPoint presentation ______ controls how your presentation moves from one slide to the next.

Q 2. Write the HTML attributes for the following:

1. To set the colour of *blinking link*.
2. To change the *background colour*.
3. To set the *colour* of the *text*.
4. To add *picture* as a *background*.
5. To *align an image* on the web page.

**SECTION B**

Q 3. Write the tags to generate the following on a webpage:

1. To display “My Search Engine” as a *hyperlink* to the website [www.yahoo.com](http://www.yahoo.com).
2. To display an *image* “blue.jpg” as a *hyperlink* to the website [www.google.com](http://www.google.com).
3. To display “mail me” as a *hyperlink* to the E-mail address [rohit@rediff.com](mailto:rohit@rediff.com).
4. To *insert* an *image* “sun.jpg” in your webpage with *Right alignment* & *border*.
5. To *scroll* the message “HTML is Fun” across your webpage.

Q 4. Give the full form of the following terms:

1) HTML - …………………………………………………………………………………
2) RAM - …………………………………………………………………………………
3) CD - ROM ……………………………………………………………………………
4) DVD - …………………………………………………………………………………

Q 5. Name the MS Word tools you can use to do the following:

a) To write a paragraph that is aligned from both left and right sides.

…………………………………………………………………………………………

c) To make an attractive heading of the document

…………………………………………………………………………………………

d) To have attractive page border

…………………………………………………………………………………………
e) To prepare a Numbered list of your friends

f) To highlight important word or lines in the document

Q6. Write two differences between the following:
SECTION C

Q 7. Write the output for the following html code in the box below:

```html
<html>
<head><title>TEST</title></head>
<body>
    <H1 align="center">COMPUTER</H1>
    2H<sub>2</sub>O + 2CL<sub>2</sub> = 4HCL + O<sub>2</sub>
    A<sup>2</sup>+B<sup>2</sup>+2<sup>C</sup>
</body>
</html>
```
हिंदी

अप्रैल

पाठ्य पुस्तक चन्द्रकिरण (भाग-5)
पाठ - 1. वह देश कौन सा है

मेरी व्यक्तिगत माला (भाग -3)
पाठ - 3. संज्ञा और संज्ञा के प्रकार

उद्देश्य- प्राकृति प्रेम सिखाना, प्राकृतिक सीन्द्रश को समझाना।
व्यक्तिगत से समन्वित जानकारी देना, छात्र संज्ञा शब्दों की पहचान
निर्देश लिखने का अभ्यास।

मई

पाठ्य पुस्तक चन्द्रकिरण (भाग-5)
पाठ - 2. शक्तिशाली कौन

मेरी व्यक्तिगत माला (भाग -3)
पाठ - 4. तंग
अपठित गद्यहर
उद्देश्य- वचन का अभ्यास करना , कहानी के माध्यम से जीवन में परिश्रम तथा
भाव का महत्व समझाना। तंग को सीखकर तथा पूर्णतः में अन्तर कर पाना।
पाठ - 5. वचन
वचन को सीखकर एकवचन तथा बहुवचन में अन्तर कर पाना।

निर्देश-1

जून-जुलाई

पाठ्य पुस्तक चन्द्रकिरण (भाग-5)
पाठ - 3. कौटे बोले तितली से
पाठ - 5. मेरा बचपन
मेरी व्यक्तिगत माला (भाग -3)
निर्देश
पर्यायवाची शब्द
विलोम शब्द

उद्देश्य- मिलजुलकर रहने की भावना का विवाह करना, ‘चंद्र’ का परिश्रम बुरा ही
होता है ‘सीख मदद करना, अनेक उदाहरणों के माध्यम से समानार्थी तथा विपरीत
अर्थ वाले शब्दों को समझाना।
अगस्त

पाठ 7 - 7. दूसरी डायरी की मूल्यांकन करें।

मेरी व्याकरण माला (भाग -3)
पाठ - 6. कारक
पाठ - 6. सर्वनाम
पत्र लेखन
अग्रियता गद्यांश
निबन्ध

उद्देश्य - दूसरी तथा प्रायिकता जैसे मूल्यों से परिचित कराना। लेख के माध्यम से मुहरा की जानकारी देना।
हिंदी में चीजों को बनाना। सर्वनाम शब्दों को पहचान सकना।
निबन्ध लेखन के लिए अपने विचारों को लिखने में समर्थ हो सकना।

अक्टूबर

पाठ 9 - 9. जींदनी कैसे लेनी?

मेरी व्याकरण माला (भाग -3)
पाठ - 6. विशेषण
पाठ - 5. फ़िला
पाठ - 13. काल
अग्रियता गद्यांश, पत्र लेखन, निबन्ध

उद्देश्य - व्याकरण में वैश्विद्यमणीकता प्राप्त किया जाता है निर्णयों से परिचित कराना। कविता का माध्यम से पर्यायवर्धन के प्रति जागरूक करना। व्याकरण के नियमों से परिचित कराना।

नवम्बर-दिसंबर

पाठ 8 - 8. अन्याँत नेट
पाठ 9 - 9. जींदनी कैसे लेनी?

मेरी व्याकरण माला (भाग -3)
पाठ - 11. फ़िला विशेषण
पाठ - 14. मुहावरे
अग्रियता गद्यांश, पत्र लेखन, निबन्ध

उद्देश्य - कहानी के माध्यम परोपकार के सम्पर्क में महत्व समझाना। साहित्यका का परि
चार देना। जीवन में निर्देश, धैर्य और साहस सिखाना। भाषा के नियमों से अवगत
कराना।
जनवरी

पाठ्य पुस्तक चन्द्रकिरण (भाग-5)
पाठ - 14 तीन प्रश्न
pाठ - 16 निर्णय टापू पर विताए दिन
मेरी व्याकरण माला (भाग -3)
विनोम शब्द
पर्यायवाची शब्द
निर्णय, अपठित गद्यांश

फरवरी

पाठ्य पुस्तक चन्द्रकिरण (भाग-5)
पाठ - 17 वृक्ष महिमा

मेरी व्याकरण माला (भाग -3)
अनेक शब्दों के लिए एक शब्द
,अपठित गद्यांश ,निर्णय
उद्देश्य-कविता के माध्यम से वृक्षों का महत्व समझाना,पर्यावरण के प्रति जागरूक करना ।
कविता के माध्यम से वृक्षों का महत्व समझाना।छात्रों में पौधजातिक दृष्टिकोण का विकास
करना । व्याकरण की विभिन्न विभागों
का जान। निर्णय के जरिए अपने विचारों को लिखने में समर्थ हो सकना ।

मार्च

पुनरावृत्ति
FRENCH

APRIL - MAY

CONTENTS:
Une boum

NOTIONS ET FONCTIONS:
Au telephone
Habitations et appareils dans la maison

GRAMMAIRE:
Articles
Conjonctions
Adjectifs possessifs.
Adjectifs interrogatifs.
Adverbes de quantité.
Verbes réguliers et irréguliers.
Nombres ordinaux et cardinaux.

JUNE - JULY

CONTENTS:
Jeanne d’Arc.

NOTIONS ET FONCTIONS:
Raconter une histoire.
Corps, maladie et médicaments.
Professions.

GRAMMAIRE:
Adjectifs “tout”
Noms.
Adjectifs
Negation.

AUGUST

CONTENTS:
La vie d’un mannequin.
NOTIONS ET FONCTIONS:
  Decrire sa journee
  Articles de toilette.
  Horaire.

GRAMMAIRE:
  Expressions negatives.
  Interrogations
  Verbes prominaux.
  Adverbes de quantite.

OCTOBER

CONTENTS:
  On voyage.

NOTIONS ET FONCTIONS:
  Dialogue- a la gare.
  Moyens de transport
  Faire une fiche d’identite

GRAMMAIRE:
  Prepositions.

NOVEMBER

CONTENTS:
  Aneesh partira bientot.

NOTIONS ET FONCTIONS:
  Expressions de temps.
  Fetes francaises
  Loisirs et sports.
  Parler des projets d’avenir.

GRAMMAIRE:
  Futur simple.

JANUARY

CONTENTS:
  La Meteo.

NOTIONS ET FONCTIONS:
Parler du temps  
Previsions  
Saisons  
Decrire une ville  

**GRAMMAIRE:**  
Futur proche.  

---  

**FEBRUARY**  

**CONTENTS:**  
Bilan  
Les verbes  
Lexique.  

**NOTIONS ET FONCTIONS:**  
Revision  

**GRAMMAIRE:**  
Revision  

Note: Past tense will be done in Class VI
TAMIL

குறிப்பிட்டியம்

பொறுப்பு

ஜூன்

சமையல், தொழில் மக்கள்

சமையல் : குறிப்பிட்டு குறிப்பிட்டு
சமையல் : குறிப்பிட்டு குறிப்பிட்டு
சமையல் : குறிப்பிட்டு குறிப்பிட்டு

பொறுப்பு : குறிப்பிட்டு குறிப்பிட்டு

சமையல் : குறிப்பிட்டு குறிப்பிட்டு

சமையல் : குறிப்பிட்டு குறிப்பிட்டு

சமையல் : குறிப்பிட்டு குறிப்பிட்டு

சமையல் : குறிப்பிட்டு குறிப்பிட்டு
• மாடலில் வருவாய் கிளைகள்
• போக்குதுற்றுபோது, குறி சம்பந்தமாக அறிவியல் பாடாக்கிய புத்தை

சிறுக்குற்று:
• சிறுக்குற்றுகள் பார்ப்பது, காண்பிப்பது கிளையம் புத்தை அறிவியல்.
• பினம் தொன்மையான சோதனைகளை.
• பட்டியல் பட்டியல் அறிவியல்

விளக்கல் குறுக்கை:
• கண்கல்
• தசாக்து ரிசம்பரிகளை

முனைப்பு மாதம்:

முதல் மாதம்:

• நவம்பர் : நவம்பர் : பாடாக்கிய ரிசம்பரிகள்
• செப்டம்பர் : சிறுக்குற்று கிளைகள்
• ஐக்கிய நாடு : சிறுக்குற்று கிளைகள்
• தேசிக் குழு : சிறுக்குற்று கிளைகள்

இல்லைப் பயன்பாடு:

• பாடாக்கிய ரிசம்பரிகள்
• அுழுக்கம் பாடாக்கிய ரிசம்பரிகள் சர்வீரம் சிறிய பெண் அறிவியல்

முனைப்பு மாதம்:

• சிறுக்குற்று கிளைகள்
• பாடாக்கிய ரிசம்பரிகள் மேற்கு புத்தை அறிவியல்
• ஐக்கிய நாடு பாடாக்கிய ரிசம்பரிகள் புத்தை அறிவியல்

மாணவர்களுக்காக:

• பெரும் சூரியன், நீர்க்கலை குழாய், இலம்புலக் பட்டு  சுமார்க்கு புத்தை அறிவியல்.
சிறுக்கல்வி : விளையாட்டுப்புரிந்து

பிரதியுடைய் கால் : 3

பிரதியுடைய் கால் : 4

அட்செய் மருதம்:

- சந்திரம் : பானத்தியம்
- சந்திரம் : சந்திரம் சிற்றகத்திய கதையான, குறைந்தக் கதையான
- போராட்டால் : பகுதிப் போராட்டம்
- போராட்டால் : செயற்பாடு

குறிப்பிட்டு பார்வாய்:

மாணவரின் பார்வாய்

- மேலும் ஒரு குறும்பு, சிறுக்குறிகள் குற்றந்த விளையாட்டு மேலும் 
  ஒரு முன்னர் பத்தி அமைக்கப் படாது.

சந்திரம் சிற்றகத்திய கதையான

- அடுத்து வருவது குறுக்குறிகள், ஒருமுன்னர் பகுதி
- ஆண்டுகள் விளக்கம் பத்தி அமைக்கப்

சிறுக்கல்வி முனைக்கம் : மாணவர் தீர்வற்ற விளக்கம்

மாணவர் பார்வாய் அமைப்பு

சிறுக்கல்வி : பத்தான்

மாணவரின் கட்டுரைச் செயற்பாடு அமைப்பு.

பிரதியுடைய் கால் : 5

பிரதியுடைய் கால் : 6

எச்சொல்லா மாறியம் : சிதைவுக்குறியான, இத்தரையான
திசையுள்ள பகுதி:

அதிர்வுரு:  

- நூற்றாண்டு: நுழைவு கலை மறறங்கள்
- நூற்றாண்டு: செயல்நிலை அதிர்வு
- விளையாட்டு: கல்விதருணவு கலை நூற்றாண்டு
- நூற்றாண்டு: நூற்றாண்டுகள், நூற்றாண்டுகள், நூற்றாண்டுகள்

குற்று பாடல்கள்:

- பொறுப்பு கருவி: மறறங்கள்

- வைரமான அதிர்வுப் பாடல்கள்:
  - இலங்கையின் பொறுப்புப் பாடல்கள், தமிழ்நாட்டின் பொறுப்புப் பாடல்கள்

கருவியை:  

- தமிழ் திசையுள்ள பகுதி
- பண்டாரின் பண்டாரின் பண்டாரின்

புள்ளிக்குத்து தொகுதி: 7

புள்ளிக்குத்து தொகுதி: 8

தமிழ்மாத பகுதி: சுற்றுப்பாட்டு பாடல்
குறிப்பிட்டு விளக்கங்கள்:

- வரலாற்று விளக்கம்:
  - வரலாற்று பண்பாடுகளை விளக்குகிறோம்.
  - பதிவாளர் பண்பாடு விளக்கம்.
  - வகுப்பு நூற்றாண்டு விளக்கம்.

பிரிவுற்று கருடை : 9

பிரிவுற்று கருடை : 10

முனையில் விளக்கங்கள்:

- வரலாற்று விளக்கங்கள்:
  - வரலாற்று விளக்கங்கள்
  - வரலாற்று விளக்கங்கள்
  - வரலாற்று விளக்கங்கள்
  - வரலாற்று விளக்கங்கள்

செய்திகள் விளக்கங்கள்:

- வரலாற்று விளக்கங்கள்:
  - வரலாற்று விளக்கங்கள்
  - வரலாற்று விளக்கங்கள்
  - வரலாற்று விளக்கங்கள்

செய்திகள் விளக்கங்கள்:

- வரலாற்று விளக்கங்கள்:
  - வரலாற்று விளக்கங்கள்
  - வரலாற்று விளக்கங்கள்

பிரிவுற்று கருடை : 11
பிரமகி:

காலநூறு : பதுங்கோணாலாம்

குறிப்பிட்டு இடம்:

பதுங்கோணாலாம்

• பலகைகள் மற்றும் விளையாட்டுகள், பதுங்கோணாலா நூற்றாண்டுகள் பிறந்து அழிந்தபடி.

பாட்டுப் பகுதி: 12

மாதம் மாதம்: இளஞ்சுழி
**ART & DESIGN**

*The elements of art are line, shape, form, space, texture, value and color.*

*Every grade will be taught about a "Get Arty with History" drawing AND look into the art work of a renowned artist.*

*In grade 5, the element of art and principles of art are introduced*

<table>
<thead>
<tr>
<th>MONTH</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>APRIL</td>
<td>The colour wheel - primary, secondary, tertiary colours, drawing a scenery blending colours</td>
</tr>
<tr>
<td>MAY</td>
<td>Warm and cool colours. Introduction to principles of art. Drawing landscape.</td>
</tr>
<tr>
<td>JUNE</td>
<td>HOLIDAY</td>
</tr>
<tr>
<td>JULY</td>
<td>Concept of Space, shading</td>
</tr>
<tr>
<td>AUGUST</td>
<td>Introduction to <strong>Tessellation</strong> art. Painting using pointillism</td>
</tr>
<tr>
<td>SEPTEMBER</td>
<td>Introduction to <strong>perspective</strong>.</td>
</tr>
<tr>
<td>OCTOBER</td>
<td><strong>ART WITH HISTORY</strong>...Ancient Greece</td>
</tr>
<tr>
<td>NOVEMBER</td>
<td>Perspective continuation. Bird view and worm view</td>
</tr>
<tr>
<td>DECEMBER</td>
<td>HOLIDAY</td>
</tr>
<tr>
<td>JANUARY</td>
<td><strong>INTRODUCTION OF AN ARTIST</strong>: Claude Monet</td>
</tr>
<tr>
<td>FEBRUARY</td>
<td>Introduction to <strong>OP ART</strong></td>
</tr>
<tr>
<td>MARCH</td>
<td>Through the open window...creative expression using concepts taught</td>
</tr>
</tbody>
</table>