

SYLLABUS 2014-15

CLASS - 5

Content

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

ENGLISH

SEMESTER - I

APRIL

CONTENTS:

Poem – Stopping by woods on a snowy evening
Prose – So you think you can divide!
Workbook units to be completed in accordance with the lessons taught.
Grammar – Pronoun (Personal, Reflexive and Possessive)
Comprehension 1
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 2
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

CONTENTS:

Poem :The Skylark

LEARNING OBJECTIVES:

- Recite, Comprehend and enjoy the poem with correct intonation.

JULY

CONTENTS:

Prose : Robinson Crusoe

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

Grammar:

- Nouns
- Adverbs, Informal Letter

Comprehension 3

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 –

- Becoming Great
- Does he remember

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

Grammar –

- Adjectives
- Tenses

Picture Composition

Comprehension 4

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 – The Minotaur, No further than Mandya

Poem – The road not taken.

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

Grammar:

- Verbs (Transitive and Intransitive)
- Punctuation

Essay Writing

Comprehension 5

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

CONTENTS:

Prose :

- My Parents kept me from children who were rough
- Karrate parrot

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

Grammar –Direct and Indirect Speech

Comprehension 6

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

Poem – Break,Break,Break

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

Grammar – Preposition

Comprehension 7

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: Ravi at the Concert –II

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

Grammar:

- Conjunctions

Comprehension 8

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.

SEMESTER 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 card board cut outs 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 $\frac{2}{3}$ water. What percentage is this?
- 2) What percent is 45 of 150.

- 3) Change $\frac{34}{68}$ 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 $2y^\circ$. 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.

L 5cm M
5cm 5cm
N 5cm O

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) $4xy + 5x + 7y$

GENERAL SCIENCE

APRIL

CONTENT:

- Animal Life
- Our Environment

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 components of the Ecosystem.
 - Learns about the different types of pollution.
 - Learns about the types of conservation methods.

ACTIVITIES:

- Observes the movement and breathing mechanism of live fish
- Chooses five unique animal of their choice and writes about its special features
- Discussion on the different methods of waste disposal.
- **Worksheet 1**

MAY

CONTENT:

- Simple Machines

LEARNING OBJECTIVES:

- Recalls and lists various forms of the 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

JULY

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 communicable diseases
- Learns what are vaccines and how they help in prevention of communicable 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 3**

AUGUST

CONTENT:

- Light and Shadow

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

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.
- Project work will be done based on this chapter for science week.
- **Worksheet 4**

OCTOBER

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 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 6**

CONTENT:

- Natural Calamities

LEARNING OBJECTIVES:

- 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:

- Collect pictures related to natural calamities and paste them in the notebook
- **Worksheet 5**

DECEMBER HOLIDAY HOME WORK

CONTENT:

- Rocks, soils and minerals

JANUARY

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 shape to a structure

ACTIVITIES:

- Observation of parts of human skeleton
- A PowerPoint presentation / online pictures on organ systems
- **Work sheet 6**

FEBRUARY

CONTENT:

- Our nervous system

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.

ACTIVITIES:

- Observation of parts of human skeleton
- A PowerPoint presentation / online pictures on organ systems
- **Worksheet 7**

SOCIAL STUDIES

APRIL

CONTENT:

- Chap 1 – Our Earth
- Chap 2 – Latitudes and Longitudes

LEARNING OBJECTIVE:

Students will understand

- Shape of the Earth.
- Concept of Latitudes and Longitudes.
- Determination of Time on the basis of Longitudes.

ACTIVITIES:

With the help of a globe:

1. Explain that Latitudes are imaginary lines which are parallel and they get smaller as they move away from the equator.
2. Explain Longitudes are imaginary lines which are semi-circular and of equal length.
3. Practice map reading.
4. Worksheet.

MAY

CONTENT:

- Chap 5 – Climate
- Chap 3 – Movements of the Earth

LEARNING OBJECTIVE:

Students will

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

ACTIVITIES:

- Worksheet
- Draw – Summer and Winter Solstice and the Equinoxes

JUNE

CONTENT:

Chap 4 – Globes and Maps

LEARNING OBJECTIVE:

Students will understand

- Concept of International Date Line.
- Understand the need of Maps

ACTIVITIES:

1. Practice map reading.
2. Worksheet.

Project :- Chap 10: Modern Means Of Communication.
Chap 11: Pollution and Conservation of Our Environment.

This project will be assessed for internal assessment. It will be judged on the basis of:

1. Creativity.
2. Research work done.
3. Relevance.
4. Presentation.

JULY

CONTENT:

Chap 5 – Equatorial Regions – The Land of Dense Forest.
Chap 7 – The Hot Deserts

LEARNING OBJECTIVE:

- 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.

ACTIVITIES:

- Worksheets

AUGUST

CONTENT:

Chap 8 – The Temperate Grasslands
Chap 9 – The Tundra Region

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
- Introduction to the life in The Tundra Region.
- Explanation of lifestyle suited to the extreme cold climate.
- Key words- Icebergs, Igloo, Eskimos.

ACTIVITIES:

- Worksheet
- Draw / Stick pictures of the animals of the Tundra Region in the notebook.

SEPTEMBER

- **REVISION**
- **I SEMESTER EXAMINATION**

OCTOBER

CONTENT:

Chap 14 –Natural Disasters

LEARNING OBJECTIVE:

- To learn about various Natural Disasters.
- Precautions and Mitigations
- To learn about Disaster Management.

ACTIVITIES:

- Worksheets

NOVEMBER - DECEMBER

CONTENT:

Chap 16 – Fundamental Rights and Fundamental Duties

Chap 17 – The British Raj

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.
- Understand The Revolt Of 1857

LEARNING OBJECTIVE:

To understand:

- Formation Of The UN
- Main Organs Of The UN
- Achievements Of The UN
- To learn about the Special Agencies

ACTIVITIES:

- Worksheet

Project :- Chap 20: Some Persons Never Die
Chap 11: The World of Growing Knowledge

This project will be assessed for internal assessment. It will be judged on the basis of:

1. Creativity.
2. Research work done.
3. Relevance.
4. Presentation.

JANUARY

CONTENT:

Chap 18 – The Beginning of the Struggle
Chap 19 – The Freedom Movement

LEARNING OBJECTIVE:

- To learn about social evils like the caste system, sati and child marriage.
- Understand the formation of the Indian National Congress.
- 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.

ACTIVITIES:

- Worksheets

FEBRUARY

CONTENT:

Chap 15 – The United Nations

LEARNING OBJECTIVE:

To understand:

- Formation Of The UN
- Main Organs Of The UN

- Achievements Of The UN
- To learn about the Special Agencies

ACTIVITIES:

- Worksheet

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
- The Line break tag
- The Horizontal tag
- Heading Tags, alignment of text and headings

Fonts (Notes will be provided)

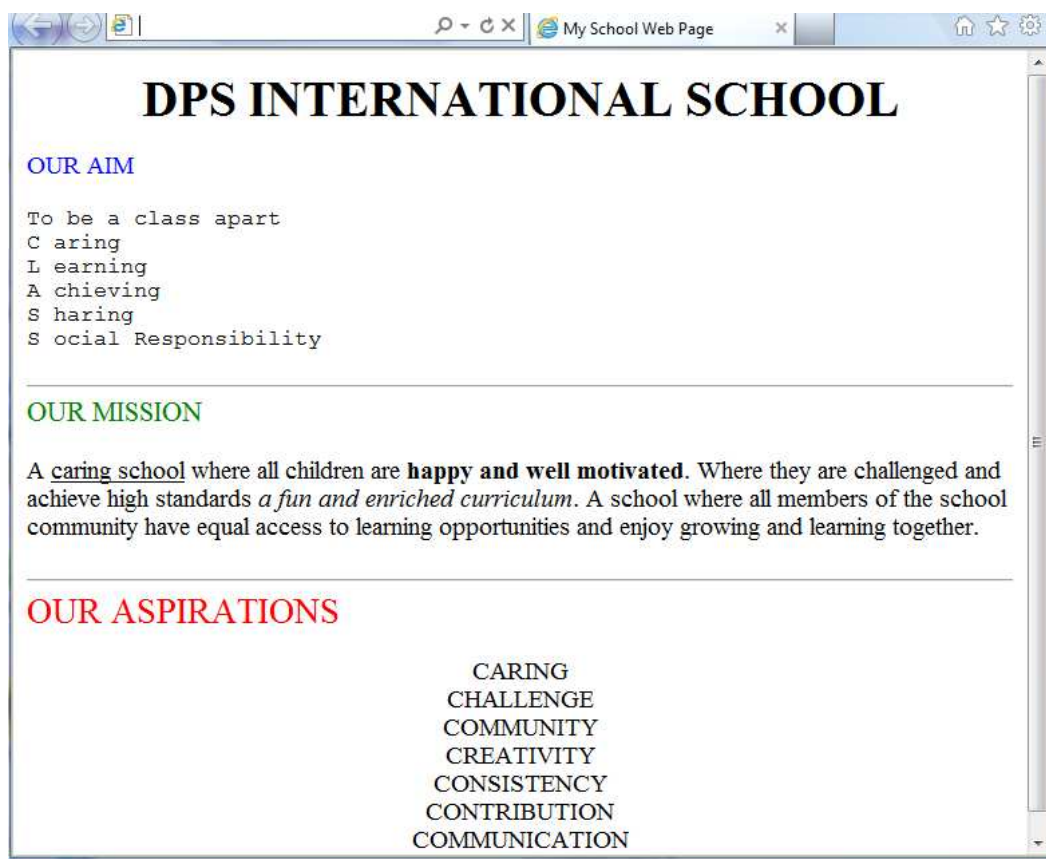
- The FONT tag
- The SIZE attribute
- The COLOR attribute

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.



- 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

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.

JULY – 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 - NOVEMBER

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.

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)

JANUARY – FEBRUARY

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.
2. To display an *image* “blue.jpg” as a *hyperlink* to the website www.google.com.
3. To display “mail me” as a *hyperlink* to the *E- mail* address rohit@rediff.com.
4. To *insert* an *image* “sun.jpg” in your webpage with *Right* alignment & *border4*.
5. To *scroll* the message “HTML is Fun” across your webpage.

Q4. Give the full form of the following terms :

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

Q5. 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:

Preset Animation	Custom Animation
.....
.....
.....
.....
.....

SECTION C

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

```

<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> <br>
  A<sup>2</sup>+B<sup>2</sup>+2<sup>C</sup>
</body>
</html>

```

हिन्दी

अप्रैल

पाठय पुस्तक चन्द्रकिरण (भाग-5)

पाठ - 1. वह देश कौन सा है

मेरी व्याकरण माला (भाग -3)

पाठ - 3. संज्ञा और संज्ञा के प्रकार
निबन्ध

उद्देश्य- प्रकृति प्रेम सिखाना, प्राकृतिक सौन्दर्य को समझाना ।
व्याकरण से सम्बन्धित जानकारी देना, छात्र संज्ञा शब्दों की पहचान
निबंध लिखने का अभ्यास ।

मई

पाठय पुस्तक चन्द्रकिरण (भाग-5)

पाठ - 2. शक्तिशाली कौन

मेरी व्याकरण माला (भाग -3)

पाठ - 4. लिंग
अपठित गद्यांश

उद्देश्य- वाचन का अभ्यास कराना , कहानी के माध्यम से जीवन में परिश्रम तथा
भाग्य का महत्व समझाना । लिंग को सीखाकर स्त्रीलिंग तथा पुल्लिंग में अन्तर कर पाना ।

जून

पाठ - 5. वचन

वचन को सीखाकर एकवचन तथा बहुवचन में अन्तर कर पा
ना ।

ग्रीष्मावकाश कार्य

निबन्ध-1

पत्र लेखन-1

जुलाई

पाठय पुस्तक चन्द्रकिरण (भाग-5)

पाठ - 3. काँटे बोले तितली से

पाठ - 5. मेरा बचपन

मेरी व्याकरण माला (भाग -3)

निबन्ध

पर्यायवाची शब्द

विलोम शब्द

उद्देश्य- मिलजुलकर रहने की भावना का विकास करना, 'घंमड का परिणाम बुरा ही होता है' सीख ग्रहण करना, अनेक उदाहरणों के माध्यमों से समानार्थी तथा विपरीत अर्थ वाले शब्दों को समझाना।

अगस्त

पाठ्य पुस्तक चन्द्रकिरण (भाग-5)

पाठ - 6. दोस्ती अमीर गरीब की

पाठ - 7. मेरी डायरी की मधुर यादें

मेरी व्याकरण माला (भाग -3)

पाठ - 6. कारक

पाठ - 6. सर्वनाम

पत्र लेखन

अपठित गद्यांश

निबन्ध

उद्देश्य - दोस्ती तथा प्रायश्चित्त जैसे मूल्यों से परिचित कराना। लेख के माध्यम से गुजरात की जानकारी देना।

हिन्दी में वाक्य बना सकना। सर्वनाम शब्दों को पहचान सकना।

निबन्ध लेखन के जरिए अपने विचारों को लिखने में समर्थ हो सकना।

अक्टूबर

पाठ्य पुस्तक चन्द्रकिरण (भाग-5)

पाठ - 8 अनमोल भेंट

पाठ - 9 जिंदगी कैसे चलेगी

मेरी व्याकरण माला (भाग -3)

पाठ - 4 विशेषण

पाठ - 5 क्रिया

पाठ - 13 काल

अपठित गद्यांश, पत्र लेखन, निबन्ध

उद्देश्य- स्वामीभक्ति तथा प्रायश्चित्त जैसे मूल्यों से परिचित कराना। कविता के माध्यम से पर्यावरण के प्रति जागरूक करना। व्याकरण के नियमों से परिचित कराना।

नवम्बर

पाठ्य पुस्तक चन्द्रकिरण (भाग-5)

पाठ - 12 सोने की सुराही

पाठ - 13 हिम्मत करने वालों की हार नहीं होती

मेरी व्याकरण माला (भाग -3)

पाठ - 11 क्रिया विशेषण

पाठ - 14 मुहावरे

अपठित गद्यांश, पत्र लेखन, निबन्ध

उद्देश्य- कहानी के माध्यम परोपकार व समय का महत्व समझाना । साहसिकता का परिचय देना । जीवन में निडरता, धैर्य और साहस सिखाना । भाषा के नियमों से अवगत कराना ।

जनवरी

पाठ्य पुस्तक चन्द्रकिरण (भाग-5)
पाठ - 14 तीन प्रश्न
पाठ - 16 निर्जन टापू पर बिताए दिन
मेरी व्याकरण माला (भाग -3)
विलोम शब्द
पर्यायवाची शब्द
निबन्ध, 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 , निबंध

उद्देश्य-कविता के माध्यम से वृक्षों का महत्व समझाना, पर्यावरण के प्रति जागरूक करना ।
कविता के माध्यम से वृक्षों का महत्व समझाना । छात्रों में वैज्ञानिक दृष्टिकोण का विकास करना । व्याकरण की विभिन्न विधाओं का ज्ञान । निबन्ध 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 quantite.

Verbes reguliers et irreguliers.

Nombres ordinaux et cardinaux.

JUNE - JULY

CONTENTS:

Jeanne d'Arc.

NOTIONS ET FONCTIONS:

Raconter une histoire.

Corps, maladie et medicaments.

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

தமிழ்
பாடத்திட்டம்
2014-2015
முதல் பருவம்

ஏப்ரல் மாதம் :

உரைநடை : தென்னாட்டு காந்தி
செய்யுள் : கடவுள் வாழ்த்து
இலக்கணம் : தமிழ் எழுத்துகளின் வகை

கற்றல் பொருள் :

- * தென்னாட்டு காந்தி
- * காமராசரின் இளமைப்பருவம்.
- * விடுதலை போரில் காமராசரின் பங்கு
- * கல்வி வளர்ச்சிக்காக அவர் ஆற்றிய பணிகள் பற்றி அறிதல்.

செய்யுள்

- * மொழி இனிமையை உணர்த்தல்.
- * பாடலின் பொருள் அறிதல்

இலக்கணம் :

- *தமிழ் மொழியின் எழுத்துகளை உயிர்,மெய்,உயிர்மெய் பற்றி அறிதல்.

பயிற்சித் தாள் : 1

மே மாதம் - ஜூன் மாதம் :

உரைநடை : ஒளியும் ஒலியும்
செய்யுள் : திருக்குறள் 5 குறள்கள்
இலக்கணம் : சுட்டெழுத்துகள்

கற்றல் பொருள் :

ஒளியும் ஒலியும்

- * வானவில் தோன்றும் திசைகள்
- * போனோகிராப், ஒலி சம்பந்தமான அறிவியல் படைப்புகள் பற்றி அறிதல்

திருக்குறள் :

- * திருவள்ளுவர் வரலாறு, கல்வியின் சிறப்பைப் பற்றி அறிதல்.
- * மொழி இனிமையை உணர்த்தல்.
- * பாடலின் பொருள் அறிதல்

இலக்கணம் :

- * சுட்டெழுத்து

கட்டுரை எழுதுதலை மேம்படுத்துதல்

பயிற்சித் தாள் : 2

ஜூன் மாதம் :

விடுமுறை வீட்டுப்பாடம் :

கட்டுரை , இலக்கணப் பயிற்சித்தாள்

ஜூலை மாதம் :

உரைநடை : உரைநடை : யாருக்குச் சொந்தம்

உரைநடை : சிந்தையின் விந்தை

செய்யுள் : திருக்குறள் கேள்வி

இலக்கணம் : வினாவொழுத்துகள்

கற்றல் பொருள் :

யாருக்குச் சொந்தம்

* அன்னப்பறவை யாருக்குச் சொந்தம் என்பதை இக்கதைமுலம் அறிதல்

சிந்தையின் விந்தை

* சிறுவனில் சிந்தையை கவர்ந்த பொருள் பற்றி அறிதல்.

* சிலேடை மறுபொருள், இருபொருள் பற்றி அறிதல்.

வான்சிறப்பு

* மழை உருவாவது, மேகத்தின் தன்மை ,செயற்கை மழை உருவாவது பற்றி அறிதல்.

இலக்கணம் : வினாவொழுத்துகள்

பயிற்சித் தாள் : 3

பயிற்சித் தாள் : 4

ஆகஸ்ட் மாதம் :
உரைநடை : வான்சிறப்பு

உரைநடை : உழைப்பால் உயர்ந்த உத்தமர்
செய்யுள் : நீதிநெறி விளக்கம்
இலக்கணம் : சொல்

கற்றல் பொருள் :
வான்சிறப்பு

* மழை உருவாவது, மேகத்தின் தன்மை ,செயற்கை மழை
உருவாவது பற்றி அறிதல்.

உழைப்பால் உயர்ந்த உத்தமர்

*ஆபிரகாமின் குணநலன்கள், செய்யும் தொழில்,அரசியல்
ஈடுபாடு பற்றி அறிதல் .
நீதிநெறி விளக்கம் : மொழி இனிமையை உணர்த்தல்.
பாடலின் பொருள் அறிதல்

இலக்கணம் : சொல்

* சொல்லின் வகைகளை அறிதல்.

பயிற்சித் தாள் : 5

பயிற்சித் தாள் : 6

செப்டம்பர் மாதம் : திருப்புதலும்,தேர்வும்

இரண்டாம் பருவம்

அக்டோபர் மாதம் : நவம்பர் மாதம்

உரைநடை : நான் கண்ட மாமல்லபுரம்
உரைநடை : சமையலறை அறிவியல்
செய்யுள் : திருக்குறள் கல்லாமை.
இலக்கணம் : வினைச்சொல், வினைமுற்று,வினையெச்சம்

கற்றல் பொருள் :
நான் கண்ட மாமல்லபுரம்

* மாமல்லபுரத்தின் பெயர்க்காரணம், அங்குள்ள சிற்பங்கள்

- பற்றி அறிதல் .
* பாஞ்சாலி,மகிஷாசுரமர்த்தினி மண்டபம் பற்றி அறிதல்.

சமையலறை அறிவியல்

- * வெப்பநிலை ,கொதிநிலை, உலோகம்,பித்தளை
பாத்திரங்களில் வைக்கும் சமையல் பொருட்களில் ஏற்படும் மாற்றம்
* குக்கரின் தத்துவம் பற்றி அறிதல்.

நன்னெறி :

- * மொழி இனிமையை உணர்த்தல்.
* பாடலின் பொருள் அறிதல்
(கல்வியின் சிறப்பை பற்றி அறிதல்)

பயிற்சித் தாள் : 7

பயிற்சித் தாள் : 8

நவம்பர் மாதம் :

உரைநடை : மாசறுத்த மோசி
செய்யுள் : மோரின் சிறப்பு, மழைக்குறி,
ஒளவையும் இடைச்சிறுவனும்
இலக்கணம் : திணை, பால்
கடிதம் எழுதுதல்

கற்றல் பொருள் :

மாசறுத்த மோசி

- * சோழநாட்டின் சிறப்புகள்ளிவளவனும் கொங்குநாட்டு அரசன்
போரிடுவதை கண்டு மோசிக்கீரனாரின் அறிவுரை ,
* மன்னன் மக்களுக்கு ஆற்றிய தொண்டு பற்றி அறிதல்,

***.இலக்கணம் : திணை, பால்**

செய்யுள்:

- * மொழி இனிமையை உணர்த்தல்.
* பாடலின் பொருள் அறிதல்

***கடிதம் எழுதுதலை மேம்படுத்துதல்.**

பயிற்சித் தாள் : 9

பயிற்சித் தாள் : 10

டிசம்பர் விடுமுறை வீட்டுப்பாடம் :

ஜனவரி மாதம் :

உரைநடை : கண்ணன் என் சேவகன்
உரைநடை : தந்தையின் அறிவுரை
இலக்கணம் : பெயர்ச்சொல் இடம்

கற்றல் பொருள் :

கண்ணன் என் சேவகன்

- * பாரதியார் கண்ணனைத் தன் சேவகனாக எண்ணி பாடியுள்ளார்.
- * கண்ணனின் நற்குணங்கள் பற்றி அறிதல்.

தந்தையின் அறிவுரை:

- * சுற்றுலா செல்லும் முன் கவனிக்க வேண்டியது, நல்ல நண்பன், நல்ல நட்பு பற்றி தந்தையின் அறிவுரை

இலக்கணம் : பெயர்ச்சொல் இடம் அறிதல்.

பயிற்சித் தாள் : 11

பிப்ரவரி:

உரைநடை : பெருஞ்சித்திரனார்

கற்றல் பொருள் :

பெருஞ்சித்திரனார்

- * புலவர்கள் வாழ்ந்தவிதம், பெருஞ்சித்திரனாரின் நற்குணங்கள் பற்றி அறிதல்.

பயிற்சித் தாள் : 12

மார்ச் மாதம் : தேர்வுகள்

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

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