CURRICULUM
GRADE-2



CURRICULUM

OVERVIEW

Any good curriculum should meet the needs of the learner, both of the present and the future, in the context of the knowledge and skills requirement of the 21st century. A general and comprehensive school education will establish a strong platform and foundation not only for higher studies leading to a career, but also overall empowerment of the individual for a meaningful life.

The focus in our curriculum is not on the delivery and memorization of content but on the understanding of concepts and the development of skills as appropriate to each subject domain, specifically, the 21st century skills i.e. four Cs, Collaboration, Critical thinking, Communication and Creativity. Critical thinking envisages a focus not on memorization and rote learning but on the Higher Order Thinking Skills i.e. understanding, application, analysis, synthesis, evaluation and creativity. Classroom practice will reflect this new focus. Collaboration and independent learning will become more important skills of an empowered learner rather than memorization.

OBJECTIVES

- *To promote the active involvement of children in a learning process that is imaginative and stimulating.*
- *To enable children to work independently and also collaboratively.*
- *To explore concepts using tools of scientific enquiry.*
- *To set suitable learning challenges.*
- *To provide a variety of learning experiences.*
- *To overcome potential barriers to learning and assessment for individuals and groups of pupils.*
- *To respond to pupil's diverse learning needs.*

STATEMENTS

*Our mission is to enable "**learning for life**" in a safe environment, which is inspirational, fun filled & nurtures inquisitive minds.*

Teaching and learning is the core purpose of our school. The purpose of this booklet is to help parents understand what is expected of students in Grade 2 in the core subject areas of English, Hindi and Mathematics .

It provides a listing of skills & concepts to be taught in each Grade level. Suggestive list of tools is also provided to help your child learn at home. The curriculum incorporates new content and embraces new approaches and methodologies.

ENGLISH

OVERVIEW

As English is the medium of instruction, development of competence in English enables the accelerated learning of other subjects also. The emphasis is on the development of fluency with a balance of all skills i.e. listening, speaking, reading, writing and also refining the student's ability to express himself by focusing on Higher Order Thinking Skills transacted through the medium of English.

OBJECTIVES OF TEACHING LANGUAGES

By the end of Grade 2 the students will be able to-

- *Develop basic language skills through analysis, application and appreciation.*
- *Acquire language structures through understanding and communication.*
- *Understand the meaning of prose, poetry and story by reading and listening.*
- *Attain a basic competence in the use of English language.*
- *Develop and use specific vocabulary in different contexts.*
- *Develop an understanding of language as an instrument for basic interpersonal communication.*
- *Develop the skills required to listen with sustained concentration.*
- *Use punctuation marks to guide expression.*
- *Speak with reasonable fluency.*
- *Narrate experiences and incidents.*
- *Practice reading with comprehension of short passages.*
- *Write simple messages, invitation and short composition based on pictures.*

Month	*Concepts*	*Skills* *The student will be able to:*
April	• *Moral Story* • *Short stories* • *Functional Grammar* • *L S R W Skills*	• *Express opinion in response to the description* • *Share ideas relevant to description* • *Listen to the description and answer the questions* • *Enhance LSRW Skills*
June	• *Stories* • *Poem* • *Functional Grammar* • *L S R W Skills*	• *Read a small text with comprehension* • *Listen and identify how story, event or character are the same or different from their own experience* • *Name the different characters in the story and describe them* • *Read, identify, analyse and speak rhyming words* • *Read the picture* • *Enhance LSRW Skills*
July	• *Short stories* • *Functional Grammar* • *Reading Comprehension* • *L S R W Skills*	• *Discuss the characters of the story* • *Talk about new words and ideas with others* • *Suggest a title for the story* • *Describe the given picture verbally* • *Comprehend the given passage* • *Enhance LSRW Skills*
August	• *Poems* • *Functional Grammar* • *Picture Description* • *Reading Comprehension* • *L S R W Skills*	• *Describe the given picture* • *Comprehend the given passage* • *Enhance LSRW Skills*
September	• *Short stories* • *Functional Grammar* • *Picture Description* • *Reading Comprehension* • *L S R W Skills*	• *Describe the given picture* • *Comprehend the given passage* • *Enhance LSRW Skills*

Month	*Concepts*	*Skills* *The student will be able to:*
October	• *Short stories* • *Poem* • *Functional Grammar* • *Picture Description* • *Reading Comprehension* • *L S R W Skills*	• *Complete the given composition* • *Describe the given picture* • *Comprehend the given passage* • *Enhance LSRW Skills*
November	• *Stories* • *Functional Grammar* • *Picture Description* • *Paragraph writing* • *Reading Comprehension* • *L S R W Skills*	• *Discuss about the various aspects of the story* • *Sequence ideas logically* • *Listen to the story and answer the questions* • *Describe the given picture* • *To write a paragraph on the given topic* • *Comprehend the given passage* • *Enhance LSRW Skills*
December	• *A poem* • *Short stories* • *Functional Grammar* • *Picture Description* • *Paragraph writing* • *Reading Comprehension* • *L S R W Skills*	• *Read grade level poetry fluently with accuracy* • *Identify and determine the rhyming words* • *Describe the given picture* • *To write a paragraph on the given topic* • *Comprehend the given passage* • *Enhance LSRW Skills*
January	• *short stories* • *Dialogue* • *Functional Grammar* • *Reading Comprehension* • *L S R W Skills*	• *Evaluate and describe the characters in the story* • *Comprehend the given passage* • *Enhance LSRW Skills*
February	• *Stories* • *Picture description* • *Functional Grammar* • *Reading Comprehension* • *L S R W Skills*	• *Comprehend the given passage* • *Enhance LSRW Skills*

LIST OF SUGGESTIVE TOOLS FOR ENGLISH

LISTENING SKILLS	*SPEAKING SKILLS*	*READING SKILLS*	*WRITING SKILLS*
• *narration of a story* • *comprehension tasks* • *memory games* • *interactive activities* • *listen and follow the directions to complete a task* • *listen and understand stories, events, others views and give opinions or answer questions* • *audios like dialogues, songs, rhymes*	• *public speaking* • *extempore* • *role play* • *skit* • *group discussion* • *story completion / telling* • *picture description* • *language games* • *print based visual materials (posters, flashcards etc.)* • *sharing feelings and experiences with each other*	• *unseen passage/poem for reading comprehension* • *reading grade appropriate words / sentences / story* • *reading signs from the screen* • *reading stories with appropriate pause and expressions* • *News reading*	• *picture description* • *frame sentences using the given words* • *describing objects / person / place* • *fill in the blanks* • *complete the story with the help of the picture* • *worksheets* • *paragraph writing* • *story writing*

HINDI

प्रस्तावना

शिक्षार्थियों को राष्ट्रभाषा हिन्दी का अध्यापन शिक्षण के चार कौशलों–श्रवण, कथन, पठन–वाचन, लेखन के माध्यम से इस प्रकार करवाया जाएगा ताकि शिक्षार्थी भाषा अभिव्यक्ति एवं व्यावहारिक व्याकरणिक अभ्यास कर सकेंगे।

हिंदी भाषा शिक्षण के सामान्य उद्देश्य–

- ध्यान और धैर्यपूर्वक सुनकर समझना और उस पर अपनी प्रतिक्रिया व्यक्त करना।
- कही जा रही बातों को ध्यान से सुनना और सुनकर समझना।
- निर्देश, अनुरोध, सूचना आदि को सुनकर उनके अनुसार कार्य करना।
- आत्मविश्वास और कुशलता से विषयवस्तु को अभिव्यक्त करना।
- औपचारिक और अनौपचारिक परिस्थितियों में होने वाली चर्चा में भाग लेना और अपने विचार प्रकट करना।
- गीत, कहानी, कविता आदि विधाओं को शुद्ध एवं स्पष्ट रूप से प्रस्तुत करना।
- अक्षर जोड़–जोड़कर पढ़ने के बजाय समझकर पढ़ना।
- स्मार्ट बोर्ड पर लिखी और पुस्तक में छपी सामग्री को समझते हुए पढ़ना।
- पढ़ने की प्रक्रिया को दैनिक जीवन की आवश्यकताओं से जोड़ना।
- शब्दों और चित्रकारी द्वारा स्वयं के विचारों को अभिव्यक्त करना।
- स्तर के अनुरूप शब्दों का प्रयोग करते हुए कविता, कहानी, प्रश्नोत्तर, अनुभव आदि बोलना और लिखना।

माह	अवधारणा	कौशल शिक्षार्थी निम्न दक्षता अर्जित कर पाएँगेः
अप्रैल	**पुनरावलोकन** • आ, इ, ई की मात्रा • वर्तनी सुधार • गिनती – 1–20 • कविता (तुकांत कविता) • तुकांत शब्द • शिक्षाप्रद कहानी • वाक्य रचना • कौशल– श्रवण, कथन, पठन	• आ, इ और ई की मात्रा के शब्दों का वाक्य में प्रयोग कर पाएँगे • वर्णों का शुद्ध उच्चारण व लेखन • गिनती बोल व लिख पाएँगे • कविता पढ़कर नए तुकांत शब्दों को लिख पाएँगे • कहानी सुनकर प्रश्नों के उत्तर दे पाएँगे • अपना परिचय दे पाएँगें
जून	• उ, ऊ ,ए, ऐ की मात्रा • नाम शब्द • चित्रकथा (मित्रता) • एकांकी – स्वस्त जीवन शैली • अपठित गद्यांश • कौशल– श्रवण, कथन, पठन	• उ, ऊ, ए, ऐ की मात्रा के शब्दों का वाक्य में प्रयोग कर पाएँगे • नाम शब्द पर आधारित अभ्यास करेंगे • कहानी सुनकर सूझ–बूझ से काम करना सिखेंगे • चित्र देखकर वाक्य पढ़ना सीखेंगे • स्वस्थ जीवन शैली–आधारित एकांकी • गद्यांश पढ़कर प्रश्नों के उत्तर लिख पाएँगे
जुलाई	• ए, ऐ मात्रा • रंगों के नाम • कविता (मूल्यपरक शिक्षा) • एक–अनेक शब्द • अपठित गद्यांश • चित्र वर्णन • कौशल– श्रवण, कथन, पठन	• ए, ऐ की मात्रा के शब्दों का वाक्य में प्रयोग कर पाएँगे • कविता सुनकर अपने विचार व्यक्त कर पाएँगे • गद्यांश पढ़कर प्रश्नों के उत्तर लिख पाएँगे • एक के लिए अनेक वचन लिख पाएँगे
अगस्त	• ओ, औ मात्रा • विशेषण • लिंग शब्द • कहानी (सच्ची घटना) • अनुनासिक व अनुस्वार • कविता • चित्र वर्णन • अपठित गद्यांश • कौशल – श्रवण, कथन, पठन	• ओ व औ की मात्रा के शब्द लिख पाएँगे • विशेषण शब्दों को समझकर उनका प्रयोग कर पाएँगें • स्त्रीलिंग एवं पुल्लिंग शब्दों की पहचान • कहानी से जोश और उल्लास वाले भाव सिखेंगे • अनुनासिक और अनुस्वार की पहचान कर सही उच्चारण कर पाएँगे • कविता से त्योहार के महत्व जानेगें • चित्र देखकर वाक्य लिख पाएँगे • गद्यांश पढ़कर प्रश्नों के उत्तर लिख पाएँगे
सितम्बर	**पुनरावलोकन** • सभी मात्राएँ • र के रूप • क्रिया शब्द • कहानी (हमारी धरोहर) • अपठित गद्यांश • चित्र वर्णन • कौशल–श्रवण, कथन, पठन	• सीखी हुई मात्राओं के शब्द लिख पाएँगे • र के भिन्न रूपों का प्रयोग कर पाएँगे • क्रिया शब्दों को समझकर उनका प्रयोग कर पाएँगे • चित्रों की सहायता से कहानी पढ़ पाएँगे • कहानी से पर्यटन एवं तकनीकी ज्ञान लेगें • गद्यांश पढ़कर प्रश्नों के उत्तर लिख पाएँगे • चित्र देखकर वाक्य लिख पाएँगे
अक्टूबर	• विसर्ग और संयुक्त वर्ण • हमारे त्योहार • ज्ञानपरक लेख • सब्जियों व फलों के नाम	• विसर्ग और संयुक्त वर्ण के शब्द पढ़ और लिख पाएँगे • त्योहारों के नाम बता पाएँगे • त्योहारों का वर्णन कर पाएँगे • अपने पसंद के त्योहार पर वाक्य लिख पाएँगे

माह	अवधारणा	कौशल शिक्षार्थी निम्न दक्षता अर्जित कर पाएँगेः
अक्टूबर	• नुक्ता, ज़, फ़ • कहानी (मूल्य प्रधान) • अपठित गद्यांश • चित्र वर्णन • कौशल–श्रवण, कथन, पठन	• नुक्ता वाले शब्द समझकर लिख पाएँगे • कहानी से प्रकृति प्रेम सिखेगें • गद्यांश पढ़कर प्रश्नों के उत्तर लिख पाएँगे • चित्र देखकर वाक्य लिख पाएँगे
नवम्बर	• उपयोगी पशु • व्यावहारिक भाषा ज्ञान–विराम चिन्ह • अनेक शब्दों के लिए एक शब्द • कहानी • कविता (प्रेम प्रधान) • वर्णात्मक कथन • अपठित गद्यांश • कौशल–श्रवण, कथन, पठन • अनुच्छेद लेखन	• शाकाहारी व मांसाहारी पशुओं में अंतर स्पष्ट कर पाएँगे • मौखिक व लिखित भाषा में विराम चिन्हों का उचित उपयोग करना • शब्द भंडार बढ़ाना • कहानी से तर्क शक्ति का विकास होगा • कविता से जीवों के प्रति प्रेम सिखेंगे • पशुओं की उपयोगिता पर विचार प्रकट कर पाएँगे • गद्यांश पढ़कर प्रश्नों के उत्तर लिख पाएँगे • विचारों को वाक्यों में क्रम से लिख पाएँगे
दिसम्बर	• कहानी (मूल्य प्रधान) • कविता (शिक्षाप्रद) • विलोम शब्द • अपठित गद्यांश • वर्ण जोड़कर शब्द बनाना, वर्ण विच्छेद • कौशल– श्रवण, कथन, पठन • अनुच्छेद लेखन	• कहानी सुनकर प्रश्नों के उत्तर दे पाएँगे • कहानी का शीर्षक एवं घटनाओं का क्रमिक वर्णन कर पाएँगे • वर्ण जोड़कर शब्द बनाना • विलोम शब्द लिख पाएँगे • गद्यांश पढ़कर प्रश्नों के उत्तर लिख पाएँगे
जनवरी	• कविता (परिश्रम) • कहानी (ज्ञान परक) • मुहावरे • पर्यायवाची शब्द • अपठित गद्यांश • कौशल– श्रवण, कथन, पठन • अनुच्छेद लेखन	• कहानी से आत्मनिर्भर बनना सिखेगें। • कविता के पात्रों का वर्णन कर पाएँगे • मुहावरों को पढ़कर उनका अर्थ समझना • पर्यायवाची शब्द समझकर लिख पाएँगे • गद्यांश पढ़कर प्रश्नों के उत्तर लिख पाएँगे • चित्र देखकर वाक्य लिख पाएँगे
फरवरी	• कहानी (बातचीत) • पहेलियाँ • अपठित गद्यांश • कौशल– श्रवण, कथन, पठन • अनुच्छेद लेखन	• प्रकृति के बदलाव का आदर करेंगे • दिए गए विषय पर अपने विचार व्यक्त कर पाएँगे • गद्यांश पढ़कर प्रश्नों के उत्तर लिख पाएँगे

प्रस्तावित रचनात्मक कौशल एवं गतिविधियाँ

(1) कहानी कथन
(2) परिचय लेना–देना
(3) चित्र वर्णन
(4) अपने अनुभव सुनाना
(5) बातचीत / वार्तालाप
(6) कक्षा में समूह चर्चा करना
(7) अंत्याक्षरी
(8) अभिनय
(9) पहेली / प्रश्नोत्तरी
(10) श्रव्य – दृश्य सामग्री द्वारा श्रुतभाव ग्रहण

MATHEMATICS

OVERVIEW

In Mathematics understanding of concepts becomes an essential prerequisite in the development of the skills. Teachers ensure that students understand the concepts before they provide real life related exercises to develop Math skills. Daily practice in solving math problems is provided for within the school time-table in Grades 1 and 2 and as homework for Grades 3 to 8.

OBJECTIVES OF TEACHING MATHEMATICS

By the end of Grade 2 the students will be able to:

- *Read and write 3-digit numbers and use place value to place those numbers.*
- *Use the vocabulary related to basic operations and symbols to describe and record sentences.*
- *Use specific operations to solve problems.*
- *Solve mathematical problems or puzzles, recognize and explain patterns and relationships.*
- *Estimate, measure, weigh and compare objects by choosing and using suitable standard/non-standard units and measuring instruments & appreciating the use of standard units in our daily life.*
- *Identify shapes from pictures in different positions and orientations.*
- *Identify fractional parts of whole objects.*
- *Answer questions by collecting and recording data.*
- *Acquire mathematical concepts and skills for every day use and continuous learning.*
- *Acquire speed and accuracy for solving mathematical problems.*

Month	*Concepts*	*Skills* *The student will be able to:*
April	***Revision*** • *Number upto 200* • *Tables till 3* ***Numbers up to 500*** • *Number names* • *Odd and even numbers* • *Ordinal numbers*	• *Represent a given number in symbolic or word form* • *Explain and show the meaning of each digit for a given two digit number* • *Use concrete material or pictorial representation to determine if a number is even or odd* • *Make pairs to determine whether the objects are even or odd*
June	***Revision*** • *Tables till 4* ***Numbers up to 999*** • *Place Value* • *Number Names* • *Expanded Form* • *Numbers in hundreds* • *Comparing numbers* • *Order of numbers*	• *Use correct symbol (<, > or =) to make the statements correct* • *Arrange a set of numbers in ascending and descending order* • *Expand given 3- digit numbers and give the reason for it*
July	***Revision*** • *Tables till 6* ***Addition*** • *Properties of Addition* • *Addition of 2 and 3 digit numbers with regrouping* • *Word problems of 2 and 3 digit numbers*	• *Demonstrate an understanding of addition* • *Add the given set of numbers in two different ways, and explain why the sum is same* • *Read and solve the word problems related to daily life*
August	***Revision*** • *Tables till 9* ***Subtraction*** • *Properties of Subtraction* • *Connecting addition and subtraction* • *Subtraction of 2 and 3 digit numbers with regrouping* • *Word problems of 2 and 3 digit numbers*	• *Understanding the relation between addition and subtraction* • *Subtract using concrete material or visual representation* • *Subtract the given set of numbers* • *Read and solve the word problems related to daily life*

Month	*Concepts*	*Skills* *The student will be able to:*
September	***Multiplication*** • *Multiplication as repeated addition* • *Properties of Multiplication* • *Multiplication of 1 digit numbers* • *Multiplication of 2 digit numbers without regrouping* • *Story sums* • *Tables till 12*	• *Use objects to form equal groups* • *Make use of multiplication in place of repeated addition* • *Explore ways of equal grouping/sharing / distribution* • *Multiply the given sets of numbers* • *Find the product in the story sums related to daily life experience* • *Read and solve the word problems related to daily life*
October	***Division*** • *Equal Distribution* • *Divide by grouping* • *Division as inverse of multiplication* • *One-step division* • *Properties of Division*	• *Share the given objects equally by distribution* • *Make equal groups* • *Use multiplication facts for division*
	Shapes • *Plane shapes* • *Solid shapes* • *Objects that roll and slide*	• *Understand plane shapes* • *Relate objects to solid shapes* • *Identify and describe given 3D objects* • *Categorize the objects that can roll and slide*
	Patterns • *Shapes Pattern* • *Numbers Pattern* • *Tables revision*	• *Identify the core of a given repeating pattern* • *Describe and extend given patterns* • *Explain the rule used to create a given repeating pattern* • *Create an increasing pattern and explain the pattern rule*
November	***Measurement*** • *Measurement of length* • *Measurement of weight* • *Measurement of capacity*	• *Measure the weight of different objects* • *Measure the length of your pencil, notebook, crayon, book etc* • *Measure the capacity of different containers* • *Explain the correct unit to measure the given objects*
December	***Time*** • *Reading clock*	• *Show the understanding of shorter and longer duration of time* • *Narrate activities of a day in sequence* • *Tell time by half past an hour* • *Tell time by quarter past an hour* • *Tell time by quarter to an hour*

Month	*Concepts*	*Skills* *The student will be able to:*
December	***Calendar*** • *Days of a week* • *Months in a year*	• *Identify the days of the week and months of the year for an identical calendar date* • *Communicate that there are seven days in a week and twelve months in a year* • *Determine whether a given set of days is more or less than a week* • *Identify yesterday's and tomorrow's date* • *Identify the month that comes before and the month that comes after a given month*
January	***Money*** • *Count the money* • *Addition and subtraction of money* • *Story sums based on real life*	• *Observe and identify the Indian currency notes and coins* • *Understand the use of money in day-to-day buying and selling situations*
	Fractions • *Define fractions* • *Halves* • *Quarter*	• *Understand the meaning of fractions* • *Understand portion as a whole* • *Identify the difference between half and quarter*
February	***Data Handling*** • *Collecting information*	• *Observe and make a list of items / objects* • *Organize data as it is collected using concrete objects, charts or list* • *Participate in discussion to draw inferences from the recorded information* • *Answer questions using collected data* • *Devise ways to present the recorded information in such a way that its interpretation can be made simpler*

LIST OF SUGGESTIVE TOOLS FOR MATHEMATICS

- *Mathematical Games*
- *Quiz*
- *Data Collection*
- *Educational Games*
- *Group Activities*
- *HOTS*
- *Lab Activities*
- *Life Skills*
- *MCQs*
- *Oral Questions*
- *Worksheets*
- *Problem Solving*
- *Project (group / individual)*

UNDERSTANDING OUR WORLD

OVERVIEW -

Today we are in an age of explosion of information. In this context memorization of content in science is futile exercise. The scientific skills i.e. the skills of observation, inquiry, recording, investigation, analysis, hypothesis and drawing conclusions etc. are the key scientific skills that can be extrapolated to the study of other subjects.

Social Science helps the students to understand the complex integration of social institutions and phenomena and to trace how civilization and social institutions have developed. This enables them to become proactive citizens and empowered individuals who have a deeper understanding of their own complex environment as they have evolved through centuries, not just of their local environment but also of the world.

Social Science is a subject with an element of subjectivity and the students own appraisal and evaluation as well as his response to the aspects of the subject are key factors in constructing his own knowledge.

OBJECTIVES OF TEACHING UOW

By the end of Grade 2 the students will be able to-

- *Develop understanding of social life in their own family and communities.*
- *Understand and investigate how social institutions came into being.*
- *Learn and describe various aspects- geography, history and culture of their country.*
- *Use of skills of scientific inquiry- observation, recording etc.*
- *Learn about the environment and how to preserve it.*
- *Develop a sensitivity to environment issues.*
- *Develop an understanding of phenomena to suggest ideas and make predictions.*
- *Acquire habits of healthy and hygienic living.*

MONTH	*Concepts*	*Skills* *The student will be able to:*
April	*My Body*	• *Tell names and functions of different body parts; internal and external both* • *Discuss importance of sense organs*
June	*Plants Around Us*	• *Describe different types of plants* • *Tell functions of parts of plants* • *Discuss seed germination* • *Tell different medicinal plants and their uses*
July	*Air and Water*	• *Explain about the importance of air and water for life* • *Explain their properties* • *Analyze the effects of pollution* • *Discuss and prioritize the importance of water conservation practices* • *Water Cycle*
August	*Food and Eating Habits* *Food Pyramid* *Hygiene Habits*	• *Describe different types of food* • *Make food pyramid* • *Describe different sources of food* • *Discuss effect of junk food on our body* • *Tell importance of eating healthy food* • *Discuss the importance of hygiene habits*
September	*Clothes We Wear*	• *Tell different materials used to make clothes* • *Decide which types of clothes to wear in different seasons* • *Explain clothing patterns of different states and countries*
October	*Means of Communication and Means of Transport*	• *Tell different means of modern and traditional transport and communication* • *Tell when a particular modes of transport and communication are used*
December	*Our Neighbourhood*	• *Tell and describe different community services* • *People who help us* • *Tell the contact numbers of emergency services* • *Discuss how they can contribute towards society/neighbours*
January	*Safety Rules*	• *Tell different safety rules in house and at school* • *Tell traffic rules and road safety*
February	*Our Universe*	• *Discuss about different celestial objects in our universe* • *Tell about our solar system (planets, moon sun etc.)* • *Explain the concept of day and night* • *Phases of the moon.*

LIST OF SUGGESTIVE TOOLS FOR UOW

- *Observations*
- *Oral questions*
- *Practical activities*
- *Role play*
- *Stories to assess the values, attitudes and habits*
- *Group discussion*
- *Quiz*
- *MCQs*

COMPUTERS

OVERVIEW -

In this age of Information technology, computers are being used in almost every aspect of human existence. The students will use Information Technology as a tool for learning.

OBJECTIVES OF TEACHING COMPUTER

By the end of Grade 2 the students will be able to-

- *Develop understanding and skills in the use of common software platforms.*
- *Create awareness and ethics related to usage of technology.*
- *Identify the basic components of hardware and how to use it.*
- *Learn to use computers to draw and write, to create open and close documents and save them.*
- *Learn and demonstrate standards of professional behavior, including rules of ethics and netiquette.*

MONTH	Concepts	Skills The students will be able to:-	Activity
April	• Know Your Computer	• Understand about :- ➢ Basic parts of computer • Input devices:- ➢ Joystick ➢ Keyboard ➢ Mouse ➢ Scanner ➢ Bar code reader • Output devices:- ➢ Printer ➢ Speaker ➢ Monitor	• How to start and shutdown a computer • Make a list of the devices that you see in the school
June	• Working with Windows	• Create a folder • Copy a folder/ file	• To create a folder and name it/save it • Deleting folder • Cut/Paste/Copy folder
July	• Fun with drawing tool	• Use some tools like :- ➢ Pencil tool, line tool ➢ Eraser tool, oval tool ➢ Rectangle tool ➢ Fill with color tool ➢ Polygon tool ➢ Line tool ➢ Filling an object with color	• Make a greeting card for your friend and family members for the following occasions using paint: ➢ birthday ➢ new year ➢ friendship day
August	• More on Paint	• Learn about some more tools in paint :- ➢ Airbrush tool ➢ Select tool ➢ Ellipse tool ➢ Text tool ➢ Magnifier tool ➢ Pick up color tool	• Draw a "**Thank You**" card for your mother in paint. The card should have following ➢ Two trees ➢ A flower pot ➢ Thank you written at the top of the card
September	• Tux Paint	• Acquaint themselves with :- ➢ Tux Paint window ➢ Common tools used in Tux Paint	• To create images in Tux Paint based on the given instructions

MONTH	Concepts	Skills The students will be able to:-	Activity
October	• Introduction to Word Processing	• Learn features of Word Processing • Create and save a document • Open and close a document	• Opening Word Processing file • Features of Word Processing • Creating and saving a document in Word - Processing • Opening and closing a document in Word Processing
November	• Text operation	• Format (edit) the text ♦ Font size ♦ Font colour ♦ Font style ♦ Text highlight color	• Change the font size, color, font style of the given paragraph
December	• Editing	• Use features of Word Processing tools:- ♦ Bold, italic ♦ Underline ♦ Alignments ♦ Redo option	• Create a poster on 'Tips to stay healthy'.
January	• Starting with programming language- LOGO.	• Use Logo :- ♦ Start logo ♦ Logo window ♦ Logo screen ♦ Components of logo screen ♦ Exiting logo	• To help the turtle find its way to the main screen on Logo screen
February	• Basic commands of LOGO	• Learn basic commands of Logo :- ♦ Forward command ♦ Backward command ♦ Right command ♦ Left command ♦ Show turtle ♦ Hide turtle ♦ Clear screen ♦ Bye command	• To draw a square, triangle, given pattern using Logo commands