

**English 1**

**(Based on new curriculum issued by the council for the Indian School  
Certificate Examination, New Delhi  
First – Edition Nov 2016, Published by RDCD)**

**1<sup>st</sup> Term**

1. Kinds of Sentences
2. Subject and Predicate
3. Kinds of Nouns
4. Gender
5. Countable and Uncountable Nouns
6. Adjectives- Kinds
7. Adjectives of Comparison
8. Adverbs- Kinds
9. Subject- Verb agreement
10. Idioms
11. Comprehension: 1) The Wise Gander  
2) Monkey Trouble  
3) The Clever Tailor  
4) The Tiger  
5) Robinson Crusoe

**Creative Writing and Activities.**

1. Simple picture composition.
2. Narrate stories on various themes with expressions and actions.
3. Dictation from unseen passages from "Comprehension and More"
4. Narration of experiences.
5. Story Telling

**2<sup>nd</sup> Term**

12. Tenses: Simple Present, Present Continuous, Present Perfect, Simple Past, Past Continuous.
13. Expressing Future Time
14. Verbs- Transitive and Intransitive
15. Active and Passive Voice
16. Punctuation: Capital letters/ Full stops/ Question Marks.
17. Prepositions- Place and Time
18. Direct and Indirect Speech
19. Conjunctions
20. Articles
21. Apostrophe
22. Comprehension: 1) The King of Fruits  
2) Life in Danger  
3) Chandrayan  
4) Stamp It  
5) Turtles and Tortoises

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### **Creative Writing / Activities.**

1. Introduction to simple Informal letter writing.
2. Comprehension.
3. Descriptive composition..

### **Writing Practice**

By this time the children will have obtained some skill and fluency in writing, but nevertheless oral work should still form an essential prelude to written work. Children can be given more definite work.

### **Descriptive**

1. Describe an event in school e.g. speech day, sports day, concert, parent's day etc.
2. Describe the football kit (clothes) of the school team.
3. Describe the well known character e.g. Santa Claus, Rama, Ravana etc.

### **Narrative**

1. An exciting match.
2. What happened when mother was sick.
3. An incident during the holidays.
4. Re-tell a story narrated by the teacher.

### **Exposition**

1. How to fly a kite.
2. How to make toast.
3. How to make a sandwich.
4. How to clean shoes.

### **Letter Writing**

1. Invitation to a friend for tea/birthday party.
2. Thank you letter for a present.
3. Invite your parents for the school sports.
4. A letter of apology to the teacher for something you have done wrong

## English II

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### 1<sup>st</sup> Term

1. Dorothy Saves Scarecrow
2. Prometheus
3. *Things I Love*
4. Tale of a Tail
5. Akbar's and Birbal's Reunion
6. *Bluebird*
7. Robin Hood meets little John
8. Was it a Dream?
9. *The Wind and the Leaves*
10. A True Story of a Girl

### 2<sup>nd</sup> Term

11. Around the World in Eighty Days
12. *Travel*
13. The Tunnel
14. Sinbad in the Valley of Diamonds
15. *Silver*
16. The Rule of the Club and Fang
17. Snake Trouble
18. *Eldorado*
19. Oliver Learns to Pick Pockets
20. *Vocation*

**Note : In Eng 2, syllabus Words in Italics indicate poems**

### **Teaching and Learning points.**

#### Criteria of Good Handwriting

1. The handwriting should be distinctive – each letter should have a characteristic of its own.
2. Writing should be simple with no unnecessary flourishes.
3. Letters and words should be evenly spaced, neither too far apart nor crowded together.
4. There should be uniformity in size of letters, spacing, alignment and direction of slant.

#### Spellings

1. The children will be directed to pay attention to the appearance, sound and structure of the words and to irregularities among the words and so help them to acquire a feel for the underlying rules of spelling.
2. Children will be given a lot of practice so that good spelling becomes habitual and automatic.
3. Help pupils develop strategies for discovering correct spelling when they are in doubt. Help them in the correct use of the dictionary for this purpose.

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4. Effective teaching of spelling must be geared to individual needs. Each child will have different needs and teaching spelling to a class as a whole or from word lists may not always be a satisfactory answer to individual problems. The pupil needs to practice those words which he himself spells incorrectly.
5. Compilation of Dictionaries.

One way of creating an interest in spelling is to encourage pupils to compile their own dictionaries. The dictionary of each pupil will consist of words which he has used in writing work, or which he has miss-spelt. It should also include words which have aroused his interest and which he has come across in reading and which he would like to use.

Teachers can help their pupils to increase the vocabulary in their dictionaries by going through written work carefully and compiling lists of words, which are most commonly used in the class. To this may be added lists of words which are commonly misspell.

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**1<sup>st</sup> Term**

**GunjanHindi Pathmala – 4**

1. Bharat ke bacche
2. Idgaah
3. Swami vivekanand
4. Prakrati ki sushma
5. Hamara tiranga jhanda
6. Everest e saath meri bhet
7. Chiti aur kabootar
8. Kabaddi

**Bhasha Adhigam evam Vyakaran – 4**

1. Bhasha aur vyakaran
2. Varn-vinyas
3. Shabd aur shabd-bhandar
4. Sagya
5. Ling
6. Vachan
7. Sarwanam
8. Patra lekhan
9. Kahani lekhan

**2<sup>nd</sup> Term**

**GunjanHindi Pathmala – 4**

1. Kadam ke pedh
2. Apna gaon
3. Issac newton
4. Pani amrit hai
5. Ek patra-sreenandini ke naam
6. Kerel ka nimantran
7. Teen shartein
8. Sapna

**Bhasha Adhigam evam Vyakaran – 4**

1. Viseshan
2. Kriya
3. Vakya
4. Viram-chinh
5. Muhavre
6. Unseen passage
7. Nibandh lekhan
8. Patra lekhan

2<sup>nd</sup> Language - Bengali

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**Parba – Pratham**

Sahaj path :- Galpa  
1) Tal nabami  
Kabita

- 1) Chal chal chal
- 2) Atmatran
- 3) Ahavan

Sahitya path – Galpa  
1) Ati budhahir parinati  
2) Vivekanander Balyajeeban

Bakyaran :-

- Linga
- Bipareet sabda
- Bakya bariye lekha

**Parba – Ditya**

Sahaj Path - Galpa

- 1) Paji pitar  
Kabita
- 3) Sukh

Sahitya Path Galpa  
1) Banglar bagh  
2) Ban bhojan  
Kavita  
1) Pujor sanai  
2) Ati Kishorer chhara

Byakaran :-

- Anuchched likhan- Durga puja, jal o manush, gachh o manush
- Bagdhara
- Chithi lekha
- Nibandha rachana

**3<sup>RD</sup> Language – GUJARATI**

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**1<sup>ST</sup> TERM**

- 1) Reision of Swar and Vyanjan
- 2) Barakhadi
- 3) Revision of all the Matras
- 4) Two and Three letters words
- 5) Introduction of words with pictures
- 6) Poem
- 7) Conversation
- 8) Samanaya Gyan

**2<sup>ND</sup> TERM**

- 1) Counting 1-50 in English to Gujarati
- 2) Handwriting
- 3) JodaAkshar
- 4) Conversation
- 5) Poem
- 6) Samanaya Gyan
- 7) Short Question & Answer

**Mathematics**

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**1<sup>st</sup> Term**

1. Large Numbers
2. Addition and Subtraction.
3. Multiplication
4. Division and Unitary Method.
5. Factors and Multiples.
6. Geometry
7. The Decimal system

**2<sup>nd</sup> Term**

1. Division and Unitary Method.(continued)
2. Factors and Multiples. .(continued)
3. Geometry.(continued)
4. Metric Measurement
5. Fractions
6. Money
7. Time
8. Perimeter and Area
9. Handling Data.



**Social Studies**

**(Based on new syllabus issued by the council for the Indian School  
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**1<sup>st</sup> Term**

- Calendars and Timelines
- The Story of the Past
- Unity in Diversity
- Responsibilities of Good Citizen
- Four Domains of the Earth
- Movements of the Earth

**2<sup>nd</sup> Term**

- Landforms and Water Bodies
- Maps
- India-States and Union Territories
- India-Physical division
- Rivers of India
- Pollution

Science

**(Based on new curriculum issued by the council for the Indian School  
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**1<sup>st</sup> Term**

1. Human Body : Food we eat
  - Food for energy, work, growth and protection from diseases.
  - Components of food
  - Examples of each group of food component
  - An idea of balanced diet
  - Care of food to avoid wastage
  
2. Human body : The Teeth
  - Types of teeth in the mouth and location
  - Structure and Functions of each kind of tooth.
  - Diagram with labelling of parts of a tooth, number of teeth of each kind
  - Dental care habits
  - Role of food in the development of healthy teeth and gums.
  
3. Human Body: The Digestive and Excretory Systems.
  - Organs of the digestive system
  - Functions of various organs in digestion
  - Need for water
  - Organs of the excretory system and their functions
  - Healthy habits related to digestion and excretion
  
4. Plants in the surroundings and environment
  - Parts of plants and their uses
  - Roots – kinds, functions and examples
  - Functions of leaf- photosynthesis and transpiration process
  - Iodine test for starch in leaves
  - Products obtained from plants
  
5. Adaptation in plants
  - Need for adaptation in plants
  - Examples of adaptation of plants on land with examples
  - Examples of adaptation of plants in water with examples
  - Examples of adaptation of plants in desert with examples
  - Examples of adaptation of plants in hilly areas with examples
  
6. Adaptation in animals
  - Need for adaptation in animals
  - Reasons of adaptations
  - Examples of adaptations in animals – land and water
  - Adaption in modification of body parts in herbivores, carnivores, omnivores
  - Examples of each
  - Care and concern for animals

Science

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**2<sup>nd</sup> Term**

1. Air

- Matter (revision)
- Some properties of Air
- Composition of air- gases and water vapour
- Process of breathing and burning
- Causes of air pollution

2. Materials and solutions

- Definition – solvent, solute and solution, giving examples of each
- Soluble and insoluble substances giving examples of each
- Method of separation – sedimentation, decantation, filtration, evaporation.

3. Light

- Sources of light
- Examples of sources of natural and artificial light
- Luminous / non luminous objects
- Properties of light
- Transparent, translucent and opaque objects with examples of each category
- Uses of these objects in daily life
- Formation of shadows

4. Measurement

- Need for measurement
- Examples of measurement in daily life
- Simple description of instruments used for measurement
- Use of each instrument, how to read /use them

5. Push and Pull

- The concept / meaning of push and pull and difference between the two
- Examples of push and pull
- Force
- Meaning of various types

6. Friction as a force

- Friction – meaning, concept
- How to reduce friction
- Uses of friction
- Harmful effects of friction, Examples of friction

**Value Education**

(Common to all Classes with varying degree of learning objective)

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**1<sup>st</sup> Term**

1. Laughter Is the best medicine
2. Imagination Is More Important Than IQ
3. Responsible People Do Not Make Excuses
4. Time Management and Planning Your Day
5. Patience and Tolerance

**2<sup>nd</sup> Term**

6. Adjusting to the Situation
7. Faith, Trust and Truthfulness
8. Importance of Good Friends
9. Punctuality
10. Be a Responsible Citizen

The above can be channelized into academics for senior students in the following ways-

- The writing skills can be channelised into literary works which involves imagination.
- Activities which involve public speaking and shouldering responsibilities, will embolden the student in the higher classes, to take up greater responsibilities like captainship, oral projects and literary events which require addressing a crowd.
- If Value education is taught to a small group, every child will get individual attention so students will be able to overcome their inhibitions and be interactive in academic sphere.

**Art**

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**Texture**

Different surfaces; soft, smooth, hard, rough etc.

**Composition**

Organisation of 2-D and 3-D space, Artistic placement of colours and forms, installation of 3-D objects, painting landscapes/ seascapes, composition based on seasons, sports, parks, situations, arranging patterns, making designs etc. Identification of different kinds of symmetry as types of balance – radial, symmetrical and asymmetrical

**Tools and Techniques**

Use of flat and round brushes, exploring 2-D and 3D methods & materials, such as; drawing, painting, printing, collage making, paper crafts, clay modelling, pottery, construction of objects & situations, mask making, etc.

**Art Vocabulary**

Identification of tools, papers and materials with their names. Names of techniques, such as: drawing, painting, folding, stretching, printing, block impression, spray work, blow painting and thumb painting. Names of colours, shapes, sizes, words of appreciation etc.

**Art Appreciation or Responding to Artefacts and Nature**

Appreciation of artefacts and nature around us, understanding of visual representation of objects, situations and concepts.

**Learning Outcomes:**

- Children will be able to: identify and name different colours / shades of household objects, furniture items, flowers, vegetables, fruits, plants & trees etc.
- drawing and painting images of their liking from immediate surroundings and colour them with their appropriate colours
- create secondary colours and their shades by mixing primary colours; identify neutral colours and use them for creating tones
- demonstrate use of extended vocabulary related to the theme
- link the experience and understanding of colours with learning of language and EVS
- feel better emotionally/internally after experiencing and expressing through colours
- appreciate beauty of colours in nature and in human-made objects around.

**General Knowledge**

(Common to all Classes with varying degree of learning objective)

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1. SUCCESS SKILL - PERSONALITY DEVELOPMENT

- The grooming of self-confidence begins with the developing of one communication skills.
- Just bookish knowledge is not enough
- To be successful in today's world, we must know how to express what we know.

2. SUCCESS SKILL – LIFE SKILL

- The relevant knowledge required for everyday existence.
- To encourage students to be aware of what is happening around them and how to respond and react in their everyday environment.

3. SUCCESS SKILL – GENERAL KNOWLEDGE

- Relevant and useful information for everyday life.
- Gradation of knowledge according to class.

4. SUCCESS SKILL – CREATIVITY AND THINKING SKILLS

- Like our bodies, our brain too needs regular exercise.
- Interactive exercises and mind games that will help the students to think logically and to stimulate their thought processes.

Note :

- Classwise detailed syllabus will be as per the series of the prescribed book. ( The series number corresponds to the class)
- Classes I-IV – Projects & worksheet based
- Classes V-VII – a) Written exams with grades
  - b) Quiz /Scrap books on different topics
  - c) Projects – Current affairs, Geography, History etc
  - d) Quiz may be conducted by the students on any of the above mentioned subjects.
  - e) Question bank may be compiled.

**Computer Studies**

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**1st Term**

1. Computers - Storage and Memory device
  - Data vs Information
  - Data storage unit basic facts
  - Internal and external memory
  - Primary and secondary memory
2. GUI Operating System - Desktop Management
  - Usage of Quick Launch Bar, Task Bar
  - Getting Date, Time & Volume
  - Use of Shortcut menu
3. Tools of Word Processor
  - Editing a document
  - Using Undo and Redo commands
  - Checking spelling and grammar
  - Describing the purpose of using Thesaurus
  - Formatting a document
4. Introduction to Scratch Programming
  - Using different Block Categories
  - Basic commands in Scratch for Motion ,Looks, Events
  - Creating and Saving Scratch project

**2nd Term**

1. The Internet - Web browser (Theory only)
  - Network in terms of Internet
  - Basic requirements for an Internet connection
  - Parts of a browser window
  - www, URL, ISP, net surfing
  - Search engine
2. Presentation software - An Introduction
  - Introduction to presentation software
  - Opening and existing a presentation software
  - Components of presentation software
  - Concept slides and its layouts
  - Slide show presentation
3. Step-Wise Thinking
  - Reasoning and problem solving - meaning
4. Features of File management
  - Copy and move a file / folder from one location to another
  - Rename a file / folder

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- Delete a file / folder
  - Not tempering with others' files/folders
5. Introduction to Scratch Programming
- Revision of usage of Blocks
  - Commands in Scratch for Motion ,Looks, Events continued
  - Recording Scratch application

**Suggested Learning Resources:**

1. Office 2013 (Microsoft Word and Power point)
2. Scratch Software 3.9

3. Step-Wise Thinking

- Reasoning and problem solving - meaning

4. Features of File management

- Copy and move a file / folder from one location to another
- Rename a file / folder
- Delete a file / folder
- Not tempering with others' files/folders

**Suggested Learning Resources:**

1. Office 2013 (Microsoft Word and Power point)



**Music**

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1. Develop competence in playing pieces in several parts.
2. Develop competence in presenting performances.
3. Develop competence in responding to music.
4. Develop competence in recording compositions
5. Songs for Rabindra Jayanti Celebration.
6. Song for Independence Day.
7. Songs for Republic Day.

**PHYSICAL EDUCATION**

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**First Term Syllabus**

<b>Key Concepts</b>	<b>Suggested Processes/Activities</b>	<b>Suggested Learning Resources</b>
Speed	40 metres run 60 metres run (Interval training method) Relay races (without equipment, high knee, back kick, back walk/run, sideways run) Line shuttle run	Race track Whistle / clapper Cones
Agility	Ladder drills Shuttle run Quadrant jump (single leg/double leg) 'T' shaped cone run (straight, left, right and back run) Box running	Ladder Floor marking accordingly Cones Whistle / clapper Box Marking
Flexibility	Stretching exercises (solo and partner) Toe touch - stand and touch the toes slowly Sit and reach - sitting down with leg straight and feet together. Split Jump Hamstring stretch	Gymnastic mats
Coordination	Single chain kho Hitting the stumps and catching from the same distance Football shooting into goal post (appropriate distance)/ passing the football and dribbling Basketball shooting and dribbling Physical Training (P.T) Drills (with or without equipment)	Kho-Kho ground marking  Tennis ball/Cricket ball Cricket stumps Basketball Stumps and Tennis ball Football and goal post Lazium/Dumb bells or any other equipment Flat surface
Endurance	Single leg hop Balance walk (variations in formation -e.g. Straight, circle, zig-zag) Backward running and sideward running Sitting on swiss ball Walk (5 steps) with semi/full rotation	Swiss Ball
Endurance	400 metres run and walk Shuttle run Step-ups Playing chain game by holding hand	Race track Cones Steps / box (appropriate height)
Strength	Medicine ball exercises (solo and partner) Crunches Single leg hopping on left and right Push-up on knees	Medicine ball appropriate weight Flat surface Mats

**First Term Syllabus**

**Games/Sports Skills**

Team Game

1. Basket ball
2. Kho Kho

**Second Term Syllabus**

**Games/Sports Skills**

Team Game

3. Football
4. Cricket
5. Athletics