

Syllabus for Class IV for the year 2011-12

SA - I

English Literature

SL.NO.	CONCEPT	TOPIC
1.	A pair of jackals become ministers to the King of the jungle and use trickery to keep him under their control. But do not realize the power of friendship.	The trick that did not work
2.	The Prodigal son is a famous parable taken from the Bible. It is a moral lesson of love and forgiveness.	The Prodigal son
3.	The significance of trees, its usefulness and the reason for the part's love for the tree.	My tree (Poem)
4.	What kind of place in our world, the child's willingness to make a difference in this crowded world.	Mate room for the elephants (poem)

English Grammar

SL.NO.	CONCEPT	TOPIC
1.	Acquaints the students with the kinds of sentences, with basis knowledge of the use of question tags and the rearrangement of jumbled words into meaningful sentences.	Sentence
2.	Usage of Pronouns in the 1 st , 2 nd and 3 rd person along with conjugation of selected verbs.	Pronouns
3.	Stress on the formation of Abstract Nouns with the help of some common suffixes along with alteration of spellings followed by an introduction to new collective nouns.	Nouns
4.	Usage of appropriate articles based on the phonetic sound along with the omission of articles.	Articles
5.	1. The Nightingale 2. Dear daughter	Comprehension from the reader
6.		Composition
7.		NPR

Maths

SL.NO.	CONCEPT	TOPIC
1.	a). Review	Revision of previous knowledge
2.	a). Roman Numerals	Correlation between Roman numerals and Hindu Arabic numerals

3.	a). Large Numbers	Value system of Numbers
4.	a). Addition b). Subtraction c). Multiplication d). Division	Fundamental operations
5.	a). Multiples and Factors.	Identification of Prime and Composite numbers

Social Studies

SL.NO.	CONCEPT	TOPIC
1.	You and your surroundings • Ch. 1 Living World • Ch. 8 Air • Ch. 7 Houses	You and your surroundings
2.	Earth and India • Ch. 9 Movements of the Earth • Ch. 10 Weather and Climate	Earth and India
3.	Utilization of resources • Ch. Food • Ch. Clothes	Utilization of resources

Science

SL.NO.	CONCEPT	TOPIC
1.	Nutrients and their utilities • Ch. 1 Food and digestion	Nutrients and their utilities
2.	Importance of teeth • Ch. 2 Teeth and Microbes	Importance of teeth
3.	States of Matter • Ch. 5 Solids liquids and gases	States of Matter
4.	Plants : The Food Factory • Ch. 6 Plants : Preparing and storing food	Plants : The Food Factory

Hindi Literature

SL.NO.	CONCEPT	TOPIC
1.	Concept and importance of practice in a students life.	Abhyas ka Mahatva
2.	Relates the story of the wit and wisdom of Tenalirama a courtier in the court of King Krishna.	Tenalirama
3.	A short and interesting poem on the bird 'Cuckoo' . The inquisition mind of the child asks many a questions to know more about this sweet throated bird.	Koyal
4.	Children learn about the values of life. Co relating .The chapter with Life skill values and how they are implemented	Shishtachar (Project)

	in our day today life.	
5.	Improving vocabulary and the ability to answer oral questions.	Nivedan (Extra reading)
6.	Understanding the passage and the ability to write answers from the passage in their our words.	Comprehension 1. Swachta Diwas 2. Hamare Rashtriya Prateek
7.	Learning Basic concept, extensive exercise for comprehensive understanding , use of Noun, Number and Gender in our everyday life. From the 1 st half of the given table Enriching vocabulary	Vyakaran 1. Noun, Gender, Number 2. Shabd Bhandar a). Muhavrey b). Paryayvachi c). Vilom d). Anarthak e). Vakyansh f). Bhinnarthar 3. Letter writing 4. Composition

Bengali

SL.NO.	CONCEPT	TOPIC
1.	Reading & writing with spellings. Creative usage of language, Imagination.	Poety - Kajer lok, Samabgathi. Prose - Ajab Saja, Indurer bhoj
2.	Usage of language, vocabulary, rules of spellings	Grammar- Sadhu O Chalit bhasa, Bakko, Uddeshyo O Bidheyo, Kriya-two types, Lingo, Bachan, Shudhyo Banan.
3.		Essay, Comprehesion

Physical Education

- I. Drill
- II. Game
- III. Physical Activity

Yoga

Bhujangasana, Sasankasana

Dance

1. Aerobic steps - (with Music)
2. Classical steps Rhythm - Tritala, Dadra, Kathak steps
Mudra (A - Sangnkta)
3. Folk Dance - Dandia, Bengal, Rajasthan
4. Tagore style of Dance - "Ore griho Basi"
Neel Digante ----
5. Contemporary and freestyle Dance - Hip Hip fusion etc.

General Knowledge

Animals and Plants

- Quizzing Flora Page 3
- Useful plants Page 6

Language and Literature

- Stories and Poems Page 11
- Mythological Characters Page 16

In Our Surroundings

- Natural Disasters Page 22

Science and Technology

- Ailments Page 24
- First in Space Page 26

How things work

- Patterns of stars Page 27

Discover India

- Indian Superlatives Page 30
- Incredible India Page 31

Record Book

Space

- The Largest Planetary System
- The Least Dense Planet
- The Largest Shuttle Crew
- The Largest Space Telescope

Earth

- The greatest River Flow
- The Largest Waterfall
- The Warmest Ocean
- The Oldest Island

Animals

- The fastest River Flow
- The longest Venomous snake
- The Fastest Mammal
- The Deadliest ant

Language and Literature

- The youngest awardees for literature
- English daily newspaper with highest circulation
- The oldest Publishing House

- The most popular videogame Superhero

TV and Cinema

- The highest earning TV Personality
- The first Indian to Win an Oscar
- The first 3D Movie in India
- The first Children's Series

Technology and Engineering

- The most expensive car
- The first revolving Minaret (India)
- The tallest Steel Structure
- India's first luxury train
- The largest network of National roads

Computer

- CHAPTER 5 : MORE ABOUT PAINT
 CHAPTER 6 : MORE ABOUT LOGO
 CHAPTER 7 : THE TURTLE REPEATS
 CHAPTER 9 : INTRODUCTION TO POWERPOINT

SA - II

English Literature

SL.NO.	CONCEPT	TOPIC
1.	A poor scribe finds himself in the clothes of a greedy moneylender who tries to trick him into paying for the dream. The scribe and his wife turn to Birbal, the famous minister in Akbar's court to solve their problem.	A Scribe's dream
2.	This is a heartwarming tale of The golden family who find a baby on their doorstep one night. It doesn't take long for this loving family to bring the baby into their home and their hearts.	Little Benjamin
3.	The poem tells us the ways the poet enjoys the wind, the different things it does and the child's curiosity regarding the wind.	The wind (poem)
4.	The poet's description of the stream and the air, his appreciation of nature and its beauty.	Laughing song (poem)

English Grammar

SL.NO.	CONCEPT	TOPIC
1.	Introduction to the three forms of verbs Present, Past and Past Participle Segregated according to the strong and weak verbs.	Verbs

2.	To help the students to assimilate the usage thoroughly with the help of exercises, stories and passages taken from the reader	Verbs expressing the present and its four forms.
3.	Basic knowledge along with and informal discussion and simple sentence formation with the help of simple past and simple future tense of the verb.	Past and Future
4.	1. Miss Rottenmeier has a hard day 2. Mahatma the great soul.	Comprehension the reader
5.		Composition
6.		NPR

Maths

SL.NO.	CONCEPT	TOPIC
1.	a). Fractions b). More on fractions c). Decimal fractions	Understanding of Fractions
2.	a). Unitary Method	Concept of value of one
3.	a). Time	Conversion of units Time

Social Studies

SL.NO.	CONCEPT	TOPIC
1.	Earth and India • Ch. 18 India : Land and Climate • Ch. 11 Natural Resources	Earth and India
2.	Utilization of resources • Ch. 20 Discoveries • Ch 21 Inventions	Utilization of resources
3.	Human endeavour in use of resources • Ch. 15 How our towers are run • Ch. 16 How is our country run	Human endeavour in use of resources

Science

SL.NO.	CONCEPT	TOPIC
1.	Continuity of Life • Ch. 8 Animals : How life goes on?	Continuity of Life
2.	Different forms of energy Ch. 10 Force, work and energy	Different forms of energy
3.	Natural Phenomenon Ch. 11 The Earth and its neighbour	Natural Phenomenon
4.	Concept of Environment Ch. 13 A Clean World	Concept of Environment

Hindi Literature

SL.NO.	CONCEPT	TOPIC
1.	Stresses on the correct use of intelligence. What are the benefits which we derive when we use our, intelligence judiciously.	Buddhi ka bal
2.	The interesting story of the monkey and the crocodile which has a moral for all children that one should be careful while befriending others.	Chatur bandar
3.	The importance of trees in our lives. A lesson to be learnt on how selflessly the tree provides shelter, fruits etc for others and helps in the ecological balance of the earth.	Paropkar
4.	The legend associated with the colourful festival and how it is celebrated with lot of enthusiasm by young and old in India.	Holi (project)
5.	Improving vocabulary and the ability to answer orally.	Swarthi Danav (Extra reading)
6.	Understanding the text, familiarity with new words, ability to write the answers in one's own words.	Comprehension Rani Laxmibai Madam Curie
7.	Understanding the text, usage, functional grammar, extensive exercises .	Vyakaran 1. Hamari Bhasha (Reading) 2. Kriya 3. Pronoun
8.	2 nd Half Enriching vocabulary	Shabd Bhandar 1. Muhavarey 2. Paryayvachi 3. Vilom 4. Anekarthak 5. Vakyansh 6. Bhinnarthak
9.		Letter writing
10.		Composition

Bengali

SL.NO.	CONCEPT	TOPIC
1.	Reading & writing with spellings, creative writing.	Poetry- Bonbojan, Uttam madham, Mayeder padobi, kancha Aam
2.	Usage of Language, Vocabulary, rules of spellings	Grammar- Kriyarkal, Saral, Jatil, Jougik Backko, Sudha- ashudha, Lingantar, Bachan, comprehension
3.		Essay- Durga pujo, Barodin, Shitkal, Picnic.

Physical Education

- I. Drill
- II. Game
- III. Physical Activity

Yoga

Biparitkarani , Ustrasana

Dance

1. Classical - Kathak steps, Odissi steps, Tora, Paran, Chakhar, (Spin) Hastak, Rhythem ,
Tri – Taal, Dadra, Karfa.
2. Folk dance - Bihu (Assam), Desert festival (Rajashthan), Chaw, Punjab.
3. Tagore - Amra Natan Yobanai Doot
Esso Nipo Bone – (Rainy Season)
Kharo Baju Bai Bege
Ore Griho Basi
4. Fre – Style - HipHop, Fusion
5. Comtemporary - Free Style, Be – boaing, Taz

General Knowledge

Animals and Plants

- Flightless birds - Page 1
- Extinct and Endangered - Page 2

In Our Surroundings

- Look Before you Leap - Page 20

Science and Technology

- Greatest Ever - Page 24

Discover India

- Our Motherland - Page 25
- Great Dancing legends of India - Page 29
- Hill Stations and Temple towers of India - Page 34

World Around Us

- Different Countries , different People - Page 35
- Sports Persons - Page 41

Record Book

Plants

- The oldest cypress tree
- The tallest hardwood tree
- The most poisonous plant

Adventure (India)

- Only woman international Sumo Wrestler
- Non-stop Horse ride
- First Indian Woman to Climb Mt. Everest

Art and Sculpture

- The largest Mosaic Painting
- The longest art work from sand
- The largest inflatable Sculpture

Human Society

- The largest prison
- The largest producer of energy (country)
- The Greenest city
- The First Men on the Moon
- Kerala's first Organic Village

Agriculture (India)

- The largest Mango festival

- The largest Tea Producer
- The highest tea garden

Sports

- The most Grand Slam Titles (Tennis)
- Best individual performance at Asian games in Athletics
- First Indian Grandmaster (Chess)

Structures (India) Animals and Plants

- Life in a desert Page 1

Language and Literature

- Indian authors Page 12

In Our Surroundings

- Symbols Page 20

Discover India

- In the world of business Page 29
- Festival delights Page 35
- River Sources in India Page 36

The World Around Us

- Busy in air Page 40 – 41
- Sobriquets Page 42

Sports and Entertainment

- National Games Page 45
- Classics on Screen Page 46

Record Book

Plants

- The oldest cypress tree
- The tallest hardwood tree
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Adventure (India)

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Sports

- The most Grand Slam Titles (Tennis)
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- First Indian Grandmaster (Chess)

Structures (India)

- The largest cave temple
- The largest mosque
- The largest Vaulted hall
- The tallest Statue
- The most elaborate Modern temple

Current Events 2010

National and International Events Page 63 and Page 64 from the main text. "General Knowledge Times".

- The largest cave temple
- The largest mosque
- The largest Vaulted hall
- The tallest Statue
- The most elaborate Modern temple

Computer

CHAPTER 2 :INPUT AND OUTPUT DEVICES

CHAPTER 3 :MEMORY

CHAPTER 8 :FORMATTING IN MS WORD

CHAPTER 10 :MULTIMEDIA