

**SYLLABUS OF CLASS 4 FOR THE SESSION 2016-17**

**I TERM : APRIL 2016- SEPTEMBER 2016**

**ENGLISH**

**LITERATURE**

- L-1 Fun at the races
- L-2 The way to school
- L-3 Mina's letter
- L-4 Yuuki and the tsunami
- L-5 The magpie's lesson

**POEMS**

- 1. Granny's little laptop
- 2. The veggy lion
- 3. The silent snake

**GRAMMAR**

- 1. Sentences
- 2. Nouns and Possessive Nouns
- 3. Verbs
- 4. Tenses- Simple Present and Present Continuous
- 5. Articles
- 6. Pronouns and Possessive Pronouns

**VOCABULARY**

- 1. Make sentences
- 2. Spell right
- 3. Punctuation
- 4. Homophones
- 5. Using a dictionary
- 6. Synonyms

**WRITING**

1. Dialogue Writing
2. Paragraph Writing
3. Informal Letter Writing

\* Listening and Speaking Exercises and activities to be done.

## **MATHEMATICS**

### **Unit 1 - Place Value**

- \* Up to Lakh Place
- \* Rounding Numbers
- \* Roman Numerals

### **Unit 2 - Addition and Subtraction**

- \* Addition and Subtraction of large numbers
- \* Addition and Subtraction of Money
- \* Patterns in Addition
- \* Word Problems

### **Unit 3 - Multiplication**

- \* Multiplying by Doubling
- \* Estimating Products
- \* Multiplying by 1, 2 and 3 digit numbers
- \* Multiplying by multiples of 10, 100 and 1000
- \* Patterns of Multiplication
- \* Word Problems

### **Unit 4 - Division**

- \* Dividing a 4 digit number by a 1 digit number
- \* Division by a 2 digit number
- \* Word Problems
- \* Estimating Quotient
- \* Dividing with Money

### **Unit 5 - Factors and Multiples**

- \* Using division and multiplication methods to find factors
- \* Factor tree
- \* Application in real life

- \* Rules of Divisibility
- \* Common Factors

### **Unit 6 - Multiples**

- \* Multiples
- \* Common Multiples

### **Unit 8 – Fractions**

- \* Equivalent Fractions
- \* Like and Unlike Fractions
- \* Comparing Like and Unlike Fractions
  - \* Addition and Subtraction of Like Fractions
- \* Finding Fractions of a Number
- \* Mixed Numbers
- \* Improper Fractions

## **GEOMETRY**

### **L-7 -Shapes, Space and Patterns**

- \* Lines and Shapes
- \* Point, Line, Line segment and Ray
- \* Polygons and types of Polygons
- \* Circles
- \* Designs with Circles
- \* Open and Closed Curves
- \* Reflections
- \* Tessellations
- \* Patterns

## **MENTAL MATHS**

Corresponding pages according to the chapter being done.

## **SCIENCE**

- \* Looking Around – Pollution ( Project Work )

### **Unit 1: Food**

L-1 Food - Our Basic Need

L-2 Digestion and the Role of Microbes

\* Worksheet 1

\* Unit Test Paper 1

### **Unit 2: Materials**

L-3 –Clothes We Wear ( Project Work )

L 4- Solids, Liquids and Gases

L-5- Soil

\* Worksheet 2

\* Unit Test Paper 2

### **Unit 3: The World of the Living.**

L-6 - The Green Plants

L-7- How Plants Survive

L- 8 -Circulatory System and Excretory System

### **Unit 6: Natural Resources**

L- 14 - Keeping our earth green ( Project Work )

\*Worksheet 6

\* Unit Test Paper

### **HINDI**

गुंजन

पाठ1 सोने जैसे दिन हैं इसके – कविता

पाठ 2 ईदगाह

पाठ3 जब कुत्ते ने काटा

पाठ 4 प्रकृति की सुशमा – कविता

पाठ5 हमारा तिरंगा

पाठ 6 महाराजा रणजीत सिंह

पाठ7 कदंब का पेड़ – कविता

पाठ8 कैसे कहूँ क्या हुआ

पाठ9 एवरेस्ट के साथ मेरी भेंट

पाठ10 अपना गाँव

### व्याकरण लतिका

हमारी भाषा, वर्ण, संयुक्त व्यंजन, संज्ञा, सर्वनाम, विशेषण, वर्तनी शुद्ध करो, बूझो, बुझाओ, अपठित गद्यांश, समूहवाची शब्द, लिंग, वचन, मुहावरे, पर्यायवाची शब्द, विलोम शब्द, अनेकार्थक शब्द, वाक्यांश के लिए एक शब्द, समश्रुत, भिन्नार्थक शब्द, समूहवाची शब्द पाठ में दिए गए अभ्यासों के साथ किए जाएंगे।

गिनती 1 – 25

हँसो– हँसाओ

चित्र लेखन

अनुच्छेद लेखन

अपठित गद्यांश

### **SOCIAL STUDIES**

L- 1- I Love My India

L-2- The Northern Mountains

L-3- The Northern and Coastal Plains

L-4- The Western Desert

L-5- The Southern Plateaus and the Islands

L-7- Our Soils

L-9- Our Industries

L-10- Transport and Communication

### **Project Work**

\*Clean and Green (comic Strip)

L-18- Our Rights and Duties

\*We Are Equal (Comic Strip)

### **GENERAL KNOWLEDGE**

L-1- Amazing Plants

L-2- Flying Animals  
L-3- Worst Junk Food Ever  
L-4- National Wild life Parks  
L-5- Famous Personalities  
L-6- India's Superlatives  
L-7- Largest in the World  
L-8- Great Inventors  
L-9- First in the World  
L-10- Important Days  
L-11- Wonders of Nature  
L-12- Developing Good Personality  
L-13- Geographic Extremes  
L-14- Disneyland  
L 15- Sleepiest Animals of the World  
L-16- Amazing Science Books  
L-17- Natural Hazards  
L-18- Amazing Animals  
L-19- I Know my India  
Test Paper – I

### **VALUE EDUCATION**

.L-1- I am unique  
L-2- All about me !  
L-3- I am capable  
L-4- I can manage better  
L-5 Me, a neurologist !  
L-6- Watch this tree !  
L-7- Memory tricks  
L-8- I develop my learning skills  
L-9- How people were encouraged  
L-10- Me, a linguist !  
L-11- Me, an entomologist !  
L-12- Feelings are natural  
L-13- How I express feelings  
L-14- Puzzle corner  
L-15- Fun corner  
L-16- Feelings in my way  
L-17- Feeling better  
L-18- People around me

**COMPUTER (KEYBOARD – OXFORD)**  
**1st TERM: APRIL 2016 - SEPTEMBER 2016**

**BOOK : Keyboard - Oxford**

- Ls. 1 Uses of Computers
- Ls. 2 Input and Output Devices
- Ls 3 More about Windows 7
- Ls 4 More about Tux Paint

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**SYLLABUS OF CLASS 4 FOR THE SESSION 2016-17**

**II TERM : OCTOBER 2016- MARCH 2017**

**ENGLISH**

**LITERATURE**

- L 6- The Tree Spirit
- L 7- Girls can't play cricket
- L 8- The Demon and the Dancer
- L 9- An Adventure
- L 10 – The Magic Shop

**POEMS**

- 1. Story boat
- 2. Laughing Song
- 3. Under the Bed

**GRAMMAR**

- 1. Adjectives
- 2. Determiners
- 3. Adverbs

4. Prepositions
5. Conjunctions

### **VOCABULARY**

1. Similes and Metaphors
2. Suffixes and Prefixes
3. Phrases
4. Question Words
5. Homonyms
6. Comprehension

### **WRITING**

1. Picture Composition
2. Diary Writing
3. Creative Writing

Listening and Speaking Exercises and activities to be done

### **MATHEMATICS**

#### **Unit 9 - Decimals**

- \* Tenths
- \* Hundredths
- \* Converting Decimals to Fractions

#### **Unit 12 - Time**

- \* Reading the time to the exact minute
- \* 12 hr and 24 hr clock time
- \* Duration of time
- \* Calculation of time
- \* Time line

#### **Unit 13 - Handling Data**

- \* Bar Graphs
- \* Circle Charts



## **GEOMETRY**

### **Unit 10 - Measurement**

- \* Length and Draw Line segment
- \* Capacity & Weight
- \* Conversion of Units
- \* Word Problems
- \* Estimation of Length

### **Unit 11 - Area and Perimeter**

## **MENTAL MATHS**

Corresponding pages according to the chapter being done.

## **SCIENCE**

### **Unit 3 - The World of the Living**

L 9- Animals and their Young ones ( Project Work )  
L 10- How Animals Survive

- \* Worksheet 3
- \* Unit Test Paper 3

### **Unit 4 - Moving Things, People and Ideas**

L 11- Force, Work and Energy

- \* Worksheet 4
- \* Unit Test Paper 4

### **Unit 5- Natural Phenomena**

L 12- Air, Water and Weather  
L 13- The Solar System

- \* Worksheet 5
- \* Unit Test Paper 5

## HINDI

गुंजन

पाठ11 फिर चुहिया की चुहिया— कविता

पाठ 12 सज़ा माफ

पाठ13 आइज़क – न्यूटन

पाठ 14 एक पत्र – श्री नंदिनी के नाम

पाठ15 पानी अमृत है

पाठ 16 तीन षर्ते

पाठ17 केरल का निमंत्रण

पाठ18 सपना – कविता

निर्झर कहता – कविता – पाठ 15–16 के बीच

## व्याकरण लतिका

क्रिया

क्रिया – विशेषण

वाक्य

विराम् चिह्न

शब्द भंडार

पर्यायवाची शब्द, अनेकार्थक, वाक्यांश के लिए एक शब्द, समश्रुत, भिन्नार्थक शब्द, समूहवाची शब्द, हँसो– हँसाँओ, बूझो–बुझाओ, वर्तनी की अशुद्धियाँ, गिनती 26 – 50, मुहावरे, वार्तालाप–लेखन, अपठित गद्यांश, अनुच्छेद लेखन।

चित्र लेखन

अनुच्छेद लेखन

अपठित गद्यांश

## SOCIAL STUDIES

- L-11- Our Natural Resources
- L-12- Our Forests
- L-13-Our Water Resources
- L-14- Our Mineral Resources
- L-15- Emperor Akbar
- L-16- The Age of Exploration
- L-17- Our Rich Culture
- L-19- Local Self-government in Cities ( only for reading)

### **Project Work**

- L-6 – Our Climate
- L-8- Our Agriculture

### **GENERAL KNOWLEDGE**

- L 20 - World's Extremes
- L 21- World Famous Bridges
- L 22- Intelligence Quotient
- L 23- Social Reformers
- L 24- We are Proud of India
- L 25- Athletics
- L 26- Types of Robots
- L 27- Monuments
- L 28- Childhood Memories
- L 29- Fastest Engineering
- L 30- Optical Illusions
- L 31- Defence Mechanism of Animals
- L 32- Fish Kingdom
- L 33- Unique Gardens of India
- L 34- Words from Numbers
- L 35- Women Power
- L 36- Adventure Sports
- L 37 - Bird World
- L 38- Story books
- L 39- Amazing Trees
- L 40- Mini Sudoku

Test Paper 2

## **VALUE EDUCATION**

- L- 19- Stepping back in time
- L-20- If I wasn't me
- L-21- When people tease me
- L-22-When people tease others
- L-23- Me, a naturalist !
- L- 24- My body works
- L-25- Builders and breakers
- L-26- Keeping track of my food
- L-27- Me, a traveller !
- L-28- Me, an architect !
- L-29- Personal safety
- L-30- When outdoors
- L-31- Saying 'Yes' or 'No'
- L-32- If someone troubles me
- L-33- Asking for help
- L-34- Art of dance
- L-35- Body rules-Personal space
- L-36- When my body rule is broken

## **COMPUTER (KEYBOARD – OXFORD) 2<sup>nd</sup> TERM: OCTOBER 2016 - MARCH 2017**

- Ls. 5      More KTurtle Commands
- Ls 6      Formatting in Word 2013
- Ls 7      Features of Word 2013
- Ls 8      Creating Tables in Word 2013
- Ls 9      Introduction to Powerpoint