

NILGIRI HILLS PUBLIC SCHOOL

ANNUAL SYLLABUS (2017-18)

CLASS IV

HINDI

यू टी १

रिमझिम

पाठ १. मन के भोले भाले बादल

२. जैसा सवाल वैसा जवाब
३. किरमि २. जैसा सवाल वैसा जवाब च की गेंद

व्याकरण संबोध

पाठ १. भाषा

२. वर्ण -विचार
३. शब्द

प्रथम सत्र

रिमझिम

पाठ २. जैसा सवाल वैसा जवाब

४. पापा जब बच्चे थे
५. दोस्त की पोषाक
६. नाव बनाओ ,नाव बनाओ
७. दान का हिसाब

व्याकरण संबोध

पाठ ४. वाक्य

५. संज्ञा
६. लिंग
७. वचन
८. सर्वनाम
९. पत्र -लेखन

क्रिया -कलाप

१. हमारा देश बहु-भाषी है । किन्हीं बीस प्रान्तों के नाम लिखकर वहाँ बोली जाने वाली भाषाओं के नाम लिखिए ।
२. तरह - तरह के बादलों के चित्र बनाकर उनके बारे मे दो - दो वाक्य लिखिए ।
३. ( सामूहिक -क्रिया ) अकबर और बीरबल की कहानी का कक्षा में नाट्य - रूपांतर कीजिये ।
४. अलग -अलग खेलों के लिए अलग - अलग प्रकार की गेंदों का उपयोग किया जाता है । छह गेंदों की सूची बनाइये ।

## द्वितीय यू टी

### रिमझिम

#### पाठ ८. कौन /

९. स्वतंत्रता की ओर
१०. थप्प रोटी , थप्प दाल

#### व्याकरण संबोध

#### पाठ ९.विशेषण

- १० क्रिया
११. काल

## द्वितीय सत्र

### रिमझिम

#### पाठ ५. दोस्त की पोषाक

९. स्वतंत्रता की ओर
- .११. पढ़कू की सूझ
- | १२. सुनीता की पहिया कुर्सी
१३. हुदहुद
१४. मुफ्त ही मुफ्त

#### व्याकरण संबोध

#### पाठ १२. अव्यय

१३. पर्यायवाची
१४. विलोम शब्द
१५. अनेकार्थी शब्द
१६. वाक्यांश के लिए एक शब्द
१७. विराम चिह्न
१८. अशुद्धिशोधन
- १९ . मुहावरे
२०. पत्र -लेखन
२१. अनुच्छेद -लेखन

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### क्रिया -कलाप

१. अपने दोस्त का साक्षात्कार लो ।उससे सवाल पूछो जैसे -उसके घर में कितने लोग हैं, उनके नाम , उनकी आयु तथा वे क्या काम करते हैं ।
२. हमारे देश में कई दानी हुए हैं , उनमें से किसी एक की कहानी पढ़ो और अपने शब्दों में लिखो ।
३. ( सामूहिक - क्रिया ) ' थप्प रोटी थप्प दाल ' पाठ का कक्षा में पात्रों के संवाद पढ़कर नाटिका प्रस्तुत कीजिये ।
४. अपने मित्र को पत्र लिखो कि तुम्हारी परीक्षा की तैयारी कैसी चल रही है।

## SUBJECT – SCIENCE

### **UNIT TEST– 1**

CH-1 Food and Digestion.

CH-2 Teeth and Microbes.

### **TERM – 1**

CH-1 Food and Digestion.

CH-2 Teeth and Microbes.

CH-3 Safety First.

CH-4 The Right Clothes to Wear.

CH-6 Plants: Preparing and Storing Food.

CH-7 Plants: Living and Surviving.

### **SUBJECT ENRICHMENT ACTIVITIES:-**

1. Explain the process of digestion with the help of neat and labelled diagram in your notebook.
2. Draw a neat and labelled diagram of structure of tooth. Also explain the functions of all kinds of teeth.
3. Collect the pieces of three kinds of fabrics. Observe them and answer the questions about how does it feel? Does it stretch? Can you see through it?
4. Paste the pictures of different types of dresses wear by the people of different states of India.

### **UNIT TEST- 2**

CH-8 Animals: How Life Goes On

CH-9 Animals: Living and Surviving

### **FINAL TERM**

CH-8 Animals: How Life Goes On.

CH-9 Animals: Living and Surviving.

CH-5 Solids, Liquids and Gases.

CH-10 Force, Work and Energy.

CH-11 The Earth and Its Neighbours.

CH-12 Air, Water and Weather.

CH-13 A Clean World.

### **SUBJECT ENRICHMENT ACTIVITIES:-**

1. Enlist five things of solid, liquid and gas each, into a tabular form.
2. Draw a diagram that shows the interdependency between plants and animals (as given on pg no. 53 of the textbook)
3. Explain the life cycle of butterfly with the help of neat and labelled diagram in your notebook.
4. By using A3 Size sheet differentiate between the sea breeze and land breeze.

## SOCIAL SCIENCE

### **UNIT TEST 1**

Lesson 1: Our Motherland

Lesson 2: India - The Northern Mountains

### **HALF YEARLY EXAMINATION**

Lesson 3: India - The Northern Plains

Lesson 4: India - The Western Desert  
Lesson 5: India - the southern plateaus  
Lesson 6: India - the coastal plains and islands  
Lesson 7: India - the climatic condition  
Lesson 8: India - forest and wildlife (activity based)  
Lesson 9: India - the type of soil  
Lesson 10: India - water resources (activity based)

Subject enrichment activities :

1. Locate on the physical map of India : physiographic divisions of India.
2. Project work : Main sources of water, percentage of saline and fresh water, causes of contamination of water , importance of water. How can we save water ?
3. Make a list of endangered extinct animals.

## **UNIT TEST 2**

LESSON 11: India - mineral resources

LESSON 12: INDIA - human resources

## **ANNUAL EXAMINATION**

Lesson 1: Our Motherland (SHORT ANSWER)

Lesson 2: India - The Northern Mountains (MAP WORK)

LESSON 13: India - agriculture

LESSON 14: India - industries

Lesson 15: India - our means of transport and communications  
(activity based)

LESSON 16: India - municipal committees

LESSON 17: India - Our rights and duties

LESSON 18: India - The national symbols (activity based)

LESSON 19: India - our rich heritage

Lesson 20: India - they enriched our thought

Subject enrichment activities :

1. Project work : Define local self government, who is the head of municipal committees , where do municipal committees get money from, function of municipal committees.
2. Locate on the political map of India :
  - (a) Industries : Bhilai Durgapur , Rourkela
  - (b) Wheat Production. : Punjab and Haryana
  - (c) Rice Production : West Bengal , Assam, Kerala
  - (d) Millets :
    - Jowar - Maharashtra
    - Bajra - Rajasthan
    - Ragi - Karnataka
3. Write importance of our national symbols, national flag, national emblem, national anthem, national animal, national bird, national flower and national song. And also paste their pictures.
4. Write about satellite communication and their uses. And also name two artificial satellites of India.

## **COMPUTER**

### **UT-I**

CH-1 INPUT AND OUTPUT DEVICES

CH-2 WINDOWS 7

## **FIRST TERM**

CH-1 , 2 &

CH-3 EDITING IN MS WORD 2010

CH-4 FORMATTING IN MS WORD 2010

CH-5 INTRODUCTION TO MS POWER POINT 2010

## **UT-II**

CH-6 PLAYING WITH IMAGES IN PAINT

CH-7 THE INTERNET AS A SUPERHIGHWAY

## **FINAL TERM**

CH-6, 7 &

CH-8 PEN COMMANDS IN MS WLOGO

CH-9 DRAWING POLYGON

## **SUBJECT - ENGLISH**

### **UT1**

#### **Literature:**

Ch- Fun at the races                      Poem- Granny's little laptop  
-The way to school

**Writing:** Describe a scene or a picture

**Grammar:** sentence making, jumbled words, compound word, opposite word.

### **TERM-I**

#### **Literature:**

Ch- Mina's letter                              Poem- The veggy lion  
-Yuuki and the tsunami

**Writing:** paragraph writing , Informal letter writing

**Grammar:** Articles, homophones, Simple present and Present continuous, Nouns.  
+ Syllabus covered in UT1.

#### **Activities**

1. Describe any of the four qualities of a good friend which you have learnt in chap- Mina's letter.
2. Make a sentence on each of the character given in chap- Fun at the races
3. Find the rhyming words given in the poem- The veggy lion.
4. Underline the naming words given in poem- The silent snake.

### **UT- 2**

#### **Literature:**

Ch- The Magpie's lesson                      Poem- Story boat  
-The tree spirit                                      -Laughing song  
-Girls can't play cricket

**Writing:** Describing things using adjectives of comparison.

**Grammar:** Determiners, adjectives, pronouns.

## **FINAL TERM**

#### **Literature:**

Ch- The demon and the dancer              Poem – Under the bed  
-An adventure                                      - The veggy lion  
-The Magic shop  
-Yuuki and the tsunami

Writing: paragraph writing, informal letter writing, describing people based on pictures.

Grammar: Synonyms, phrases, adverbs, preposition, conjunctions.

+Syllabus covered in UT2

### **Activities**

1. Read the small story given about Aruni in chap- An adventure. Now underline the articles in it.
2. Write any five things about trees which you have read in chap- The tree spirit
3. Find any six describing words in the poem-Laughing song
4. Look at the picture given at page no. 90 in chap-Girls can't play cricket. Now frame five questions on it.

## **MATHS**

### **UNIT TEST-I**

- Chapter -1. Number beyond 9999  
Chapter -2. Roman numerals  
Chapter -3. Addition

### **TERM -I**

- Chapter -3. Addition  
Chapter -4. Subtraction  
Chapter -5. Multiplication  
Chapter -6. Division  
Chapter -7. Factors and multiples

### **SUBJECT ENRICHMENT ACTIVITIES :**

1. Make a wall clock using roman number.
2. Frame two word problems for  $1287+4532=?$
3. To learn comparison of fraction using strips with the help of white paper, a ruler and crayons.
4. To reinforce the concept of forming the smallest and the greatest 5-digit numbers and understand subtraction and addition of 5-digit numbers.

### **UNIT TEST-II**

- Chapter -8. Fractions  
Chapter -9. Measurement

### **FINAL TERM-**

- Chapter -5. Multiplication  
Chapter -6. Division  
Chapter -9. Measurement  
Chapter -10. Time and calendar  
Chapter -11. Money  
Chapter -12. Basic geometry  
Chapter -13. Shapes and patterns  
Chapter -14. Data handling

### **SUBJECT ENRICHMENT ACTIVITIES :**

1. To create a symmetrical design by paper folding and cutting.
2. Write the letters of the alphabet in your notebook which have no line of symmetry.
3. To understand different types of angles using paper folding techniques.

4. Visit a grocery shop. Make a list of ten items available there and write down their prices . Now make your own bill.