

# ENGLISH

TOPIC	LEARNING OBJECTIVE	ACTIVITY
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## APRIL

<p><b><u>Main Course book</u></b> 1.1 Fun at the races 2.1 The way to school <b><u>Literature Reader</u></b> 1. Black Beauty <b><u>Workbook</u></b> 1. Worksheet-1(Fun at the races)</p>	<p>The child would be able to: Present his/her original ideas in a coherent manner Read and understand the chapter Write the answers to the questions based on their understanding of the chapter Recite the poem Comprehension New words</p>	<p>Recite the poem (Granny's little laptop)  Enacting phone conversation</p>
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**REFERENCE BOOK: The Oxford Guide To English Grammar /NCERT Solutions/ Essential English Grammar**

**WEBLINKS :** [www.ego4u.com/en/cram-up/grammar](http://www.ego4u.com/en/cram-up/grammar)

## MAY

<p><b><u>Main course book</u></b> 2.2 The way to school(Granny's little laptop) <b><u>Literature Reader</u></b> 2.The policemen and the strange boots <b><u>Workbook</u></b> 2. Worksheet-2(The way to school)</p>	<p>Elucidate upon a given topic with proper diction and fluency Talk and discuss about the topics in the chapter coherently. Recite the poem Will learn new ways to increase sportsmanship Enhance their ,vocabulary and oral skill</p>	<p>Descriptive Writing  Tongue twisters  Enacting phone conversation</p>
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## JULY

<p><b><u>Main course book</u></b> 3.1 Mina's letter 3.2 Mina's letter(The 'veggy' lion) <b><u>Literature Reader</u></b> 3. What robin told 4. The lazy camel <b><u>Workbook</u></b> 3. Worksheet-3 (Mina's letter)</p>	<p>Each child would be able to: Involve himself/herself attentively in listening activities Express their ideas coherently Answer questions based on their understanding of the chapter. Comprehension Appreciate/recite the poem and enhance the oral skill  Will be able to learn how to be kind and friendly</p>	<p>Recite the poem (The 'veggy' lion)  Extempore</p>
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TOPIC	LEARNING OBJECTIVE	ACTIVITY
<b>AUGUST</b>		
<p><b><u>Main course book</u></b>            4.1 Yuuki and the Tsunami            4.2 Yuuki and the Tsunami(The silent snake)            5.1 The magpie’s lesson</p> <p><b><u>Literature Reader</u></b>            5. The test</p> <p><b><u>Workbook</u></b>            4. Worksheet-4(Yuuki and the Tsunami)            5. Worksheet -5(The magpie’s lesson)</p>	<p>Elucidate upon a given topic with proper diction and fluency            Talk and discuss about the topics in the chapter coherently.            Recite the poem            Will learn new ways to increase sportsmanship            Enhance their ,vocabulary and oral skill</p>	<p>Recite a poem(The silent snake)             Quiz on Books and authors</p>
<b>REFERENCE BOOK: The Oxford Guide To English Grammar /NCERT Solutions/ Essential English Grammar</b>		
<b>WEBLINKS :</b> <a href="http://www.ego4u.com/en/cram-up/grammar">www.ego4u.com/en/cram-up/grammar</a>		
<b>SEPTEMBER</b>		
<b>REVISION</b>		
<b>OCTOBER</b>		
<p><b><u>MCB</u></b>            6.1 The tree spirit            6.2 The tree spirit ( story boat)            7.1 Girls can’t play cricket</p> <p><b><u>Literature Reader</u></b>            6.Cradle song</p> <p><b><u>Workbook</u></b>            6. Worksheet-6(The tree spirit)            7. Worksheet-7(Girls can’t play cricket)</p>	<p>Elucidate upon a given topic with proper diction and fluency            Talk and discuss about the topics in the chapter coherently.            Recite the poem            Will learn new ways to save and care for environment.            Enhance their ,vocabulary and oral skill</p>	<p>Recite the poem (Story boat)             Group Activity (Spell-bee)</p>
<b>REFERENCE BOOK: The Oxford Guide To English Grammar /NCERT Solutions/ Essential English Grammar</b>		
<b>WEBLINKS :</b> <a href="http://www.ego4u.com/en/cram-up/grammar">www.ego4u.com/en/cram-up/grammar</a>		

TOPIC	LEARNING OBJECTIVE	ACTIVITY
<b>NOVEMBER</b>		
<p><b><u>Main Course Book</u></b>            7.2 Girls can't play cricket(Laughing Song)            8. The demon and the dancer</p> <p><b><u>Literature Reader</u></b>            7. The elephant and the cassowary bird            8. The Pied Piper of Hamelin</p> <p><b><u>Workbook</u></b>            7. Worksheet-7(Girls can't play cricket)            8. Work sheet- 8 (The demon and the dancer)</p>	<p>Elucidate upon a given topic with proper diction and fluency            Talk and discuss about the topics in the chapter coherently.            Recite the poem            Will learn about importance of gender equality Enhance their ,vocabulary and oral skill</p>	<p>Recite The poem(Laughing song)</p> <p>Using Idiomatic expression</p>
<p><b>REFERENCE BOOK: The Oxford Guide To English Grammar /NCERT Solutions/ Essential English Grammar</b></p>		
<p><b>WEBLINKS :</b> <a href="http://www.ego4u.com/en/cram-up/grammar">www.ego4u.com/en/cram-up/grammar</a></p>		
<b>DECEMBER</b>		
<p><b><u>Main Course Book</u></b>            9.1 An adventure            9.2 An adventure (Under the bed)            10. The magic shop</p> <p><b><u>Literature Reader</u></b>            9.The lamplighter            10.The jackal and the war drum</p> <p><b><u>Workbook</u></b>            8. Worksheet-9(An adventure)            9. Worksheet-10( The magic shop)</p>	<p>Elucidate upon a given topic with proper diction and fluency            Talk and discuss about the topics in the chapter coherently.            Recite the poem            Will learn new ways to solve problems in daily life.Enhance their vocabulary and oral skill</p>	<p>Recite the poem (Under the bed)</p> <p>Making Request</p>
<p><b>REFERENCE BOOK: The Oxford Guide To English Grammar /NCERT Solutions/ Essential English Grammar</b></p>		
<p><b>WEBLINKS :</b> <a href="http://www.ego4u.com/en/cram-up/grammar">www.ego4u.com/en/cram-up/grammar</a></p>		

TOPIC	LEARNING OBJECTIVE	ACTIVITY
<b>JANUARY</b>		
<p><b><u>Main Course Book</u></b> 11. The little Icelanders</p> <p><b><u>Literature Reader</u></b> 11. Return to Dehra</p> <p><b><u>Workbook</u></b> 8. Worksheet-10( The magic shop)</p>	<p>Elucidate upon a given topic with proper diction and fluency Talk and discuss about the topics in the chapter coherently. Recite the poem Will learn new ways to increase self confidence. Enhance their ,vocabulary and oral skill</p>	<p>Talking about favourite poem</p>
<p><b>REFERENCE BOOK: The Oxford Guide To English Grammar /NCERT Solutions/ Essential English Grammar:</b></p>		
<p><b>WEBLINKS :</b> <a href="http://www.ego4u.com/en/cram-up/grammar">www.ego4u.com/en/cram-up/grammar</a></p>		
<b>FEBRUARY</b>		
<b>REVISION</b>		

# HINDI

पाठ्यक्रम एवं पाठ्यसूची	शिक्षण उद्देश्य	गतिविधियाँ
<b>टप्रेल</b>		
<p>पाठ्यसूची पाठ 1—देश हमारा पाठ 2—बीरबल की सूझ-बूझ पाठ 3—सबसे खुश कौन</p>	<p>छात्र सक्षम होंगे देश भक्तिभाव ग्रहण करने में। छात्र सूझ-बूझ के गुणों को अपनाने के लिए प्रेरित होंगे। छात्र पशु-पक्षियों के प्रति संवेदनशील होंगे।</p>	<p>अकबर बीरबल की कोई कहानी पढ़कर अपने शब्दों में लिखें। पशु-पक्षियों का कॉलाज बनाए।</p>
<p>व्याकरण— संज्ञा, वचन, विलोम, लिंग, पर्यायवाची, अनुस्वार अनुनासिक, संवाद</p>	<p>छात्र सक्षम होंगे संज्ञा की परिभाषा एवं भेद समझने में। शब्द भंडार में वृद्धि करने में। वाक्य निर्माण करने में</p>	
<b>मई</b>		
<p>पाठ्यसूची पाठ 4—जादुई घड़ा</p>	<p>छात्र धैर्यशीलता के गुणों को अपनाने के लिए प्रेरित होंगे।</p>	<p>चित्र देखकर आठ पंक्तियाँ लिखें</p>
<p>व्याकरण— सर्वनाम, द्वित्व व्यंजन, चित्र वर्णन अनुच्छेद</p>	<p>छात्र सक्षम होंगे सर्वनाम शब्दों का दैनिक जीवन में प्रयोग करने में विषयानुकूल वाक्य निर्माण करने में</p>	
<b>जुलाई</b>		
<p>पाठ्यसूची पाठ 5—वर्ष गीत पाठ 6—आग की खोज पाठ 7—मैं हूँ तगड़ा थानेदार</p>	<p>छात्र महीने के नामों से परिचित होंगे। छात्र आग के आविष्कारों के नाम से अवगत होंगे। छात्र साहस के गुणों को अपनाएँगे।</p>	<p>आपातकालीन नंबरों की सूची बनाएँ। हिंदी महीनों के नाम की सूची बनाएँ</p>
<p>व्याकरण— विशेषण, क्रिया, सार्थक-निरर्थक, अपठित गद्यांश, औपचारिक पत्र</p>	<p>छात्र सक्षम होंगे औपचारिक पत्र का प्रारूप समझने में। शब्द भंडार में वृद्धि करने में। विशेषण की परिभाषा समझने में</p>	

पाठ्यक्रम एवं पाठ्यसूची	शिक्षण उद्देश्य	गतिविधियाँ
<b>अगस्त</b>		
पाठ्यसूची पाठ 8—हमारी ज़िम्मेदारी पाठ 9—लालची बंदर	छात्र स्वच्छता के महत्व से अवगत होंगे छात्र समय की पाबंदियों से अवगत होंगे।	प्रस्तुत कविता के आधार पर कोई हास्य कविता लिखें। सफाई का महत्व विषय पर अनुच्छेद लिखें।
व्याकरण— अनौपचारिक पत्र,कर्ता शब्द,वर्ण—विच्छेद,विशेषण—विशेष्य अनुच्छेद	छात्र सक्षम होंगे अनौपचारिक पत्र के प्रारूप को समझने में। विषयानुकूल वाक्य निर्माण करने में। क्रिया की परिभाषा समझने में।	
<b>सितम्बर</b>		
<b>पुनरावृत्ति</b>		
<b>अक्टूबर</b>		
पाठ्यसूची पाठ 10—आँखों की देखभाल पाठ 11—टिलटिल का साहस पाठ 12—अपनी कमाई	छात्र सक्षम होंगे छात्र दाँतों की उचित देखभाल से परिचित होंगे छात्र ताकत का प्रयोग बुद्धिमत्ता से करने के लिए प्रेरित होंगे।	जिन खाद्य पदार्थों से विटामिन ए मिलता है चित्र सहित सूची बनाएँ। चार समुद्री जीवों का संक्षिप्त परिचय लिखें।
व्याकरण— अनेक शब्दों के लिए एक शब्द ,लिंग,वचन,विराम चिह्न	छात्र सक्षम होंगे शब्द भंडार में वृद्धि करने में। विषयानुकूल वाक्य निर्माण करने में।	
<b>नवम्बर</b>		
पाठ्यसूची पाठ 13—कर्नाटक की सैर पाठ 14—भागो—दौड़ो,नाचो—गाओ पाठ 15—सीखो शिष्टाचार	छात्र मेहनत सबसे बड़ा धन है से अवगत होंगे। छात्र कर्नाटक प्रदेश की सभी जानकारियों से अवगत होंगे। छात्र शारीरिक गतिविधियों से अवगत होंगे।	शिष्टाचार विषय पर अनुच्छेद लिखें। दो मित्रों के बीच संवाद लिखें।
व्याकरण— औपचारिक पत्र,सर्वनाम,संवाद,संयुक्त व्यंजन,पर्यायवाची,क्रिया,लिंग	छात्र सक्षम होंगे औपचारिक पत्र का प्रारूप समझने में। छात्र सर्वनाम की परिभाषा से अवगत होंगे।	

पाठ्यक्रम एवं पाठ्यसूची	शिक्षण उद्देश्य	गतिविधियाँ
<b>दिसम्बर</b>		
पाठ्यसूची पाठ 16—आज़ादी की मिठाई पाठ 17—हम भी पढ़ेंगे पाठ 18—कुछ कर दिखलाना	छात्र सझम होंगे आजादी के महत्व को समझने में। छात्र शिक्षा के महत्व से अवगत होंगे।	तिरंगे का चित्र बनाकर रंग भरें तथा उसके रंगों का महत्व लिखें। प्रस्तुत चित्रकथा का नाट्य मंचन कक्षा में करें।
व्याकरण— पर्यायवाची, विलोम, अनौपचारिक पत्र अनुच्छेद वचन, शब्दों का शुद्ध रूप, समान तुक वाले शब्द	छात्र सक्षम होंगे जीवन मूल्य ग्रहण करने में भंडार में वृद्धि करने में	
<b>जनवरी, फरवरी</b>		
	पुनरावृत्ति	

# MATHS

## TOPIC

## LEARNING OBJECTIVE

## LAB ACTIVITY

### APRIL

CH- 1 Large Numbers

Compare the digit with 5 digit numbers and say which is greater, write numbers in Indian and international place value system.

Read and write roman numbers up to 1000.

To enable the student to learn the place according to Indian system of numbers- placing commas and number name.

**WEB LINK :** <https://goo.gl/MP7DY1>  
<https://goo.gl/RDV94f>  
[www.aaamath.com/g14a1-xt.htm](http://www.aaamath.com/g14a1-xt.htm)

**REFERENCE BOOK :** Everyday Mathematics, Maths Magic , Composite Mathematics

### MAY

CH- 2 Addition

Apply the skills of addition to solve everyday problem.

To enable the students to learn to round off numbers to add and subtract- compensations of numbers in addition.

**WEBLINK :** <https://goo.gl/MP7DY1>

**REFERENCE BOOK :** Everyday Mathematics, Maths Magic , Composite Mathematics

### JULY

CH- 3 Subtractions

Apply the skills of subtraction to solve everyday problem.

To reinforce the concept of addition and subtraction as opposite operations, by checking subtraction using addition.

CH- 4 Multiplication

Use the easy method to multiply by 10, 100, 1000 etc. apply the skills of multiplication to solve everyday problem.

To enable the students to learn multiplication in an easier way.

**WEBLINK :** <https://goo.gl/l4sV0n>  
[www.mathplayground.com/index\\_multiplication\\_division.html](http://www.mathplayground.com/index_multiplication_division.html)

**REFERENCE BOOK :** Math Magic, Maths Xpress , Composite Mathematics and Math sight

### AUGUST

CH- 5 Division

Divide by 10, 100, 1000 etc. by observing patterns. apply the skills of addition, subtraction ,multiplication and, composite numbers, division. Use unitary method to find solutions to simple problems.

To enable the students to round off the dividend and the divisor then finding quotient.

CH- 6 factors and multiples

Calculate HCF and LCM. Use prime factorisation method to solve.

To enable the students to differentiate between factors and multiples- finding the factor of a given number.

**WEBLINK :** <https://goo.gl/vdpp1G>  
[www.mathsisfun.com/fractions.html](http://www.mathsisfun.com/fractions.html)

**REFERENCE BOOKS :** Everyday Mathematics, Maths Magic , Composite Mathematics

TOPIC	LEARNING OBJECTIVE	LAB ACTIVITY
<b>SEPTEMBER</b>		
<b>REVISION</b>		
<b>OCTOBER</b>		
CH- 7 Fraction	To reinforce the concept of comparison of like fractions. Find the HCF and LCM. Convert fractions to proper, improper and mixed fraction.	To enable the students to learn about larger fractions and their lowest forms- finding equivalent fractions. TO reiterate the concept of equivalent fractions.
CH- 11 Money	Apply the knowledge to everyday life situation of shopping and checking bills.	To observe and extract the data from the coins and notes
<b>WEB LINK :</b> <a href="https://goo.gl/MP7DY1">https://goo.gl/MP7DY1</a> <a href="https://goo.gl/I58aU9">https://goo.gl/I58aU9</a>		
<b>REFERENCE BOOKS :</b> Everyday Mathematics, Maths Magic , Composite Mathematics		
<b>NOVEMBER</b>		
CH – 9 Measurement of mass.  Measurement of capacity  Measurement of length.	State the units of measurement of weight in metric system Convert from ne unit to another higher or lower unit Apply the skills of addition and subtractions in metric system to solve word problems and everyday problems.	To enable the students to be well versed with different units of mass and capacity.
<b>WEB LINK:</b> <a href="https://goo.gl/4dH4uv">https://goo.gl/4dH4uv</a>		
<b>REFERENCE BOOKS :</b> Math Magic, Maths Xpress , Composite Mathematics and Math sight		
<b>DECEMBER</b>		
CH- 8 Geometry	Recognise and name the different types of triangles and quadrilateral. Recognise and name the different types of polygons, angles.	To enable the students to learn that the centre is at equal distance from any point the circle – finding radius and diameter of circle.
CH- 10 Time	Conversions of 24- hour and 12- hour clock, , solve daily life problems.	To develop the skills of reading clocks and calculating time durations accurately.
<b>WEB LINK:</b> <a href="https://goo.gl/kICpSS">https://goo.gl/kICpSS</a> <a href="http://www.math-aids.com/Time/">http://www.math-aids.com/Time/</a>		
<b>REFERENCE BOOKS :</b> Math Magic, Maths Xpress , Composite Mathematics and Math sight, Mathematics by R.D Sharma		

TOPIC	LEARNING OBJECTIVE	LAB ACTIVITY
<b>JANUARY</b>		
CH-13 Data handling	Interpret the data represented on bar graph and pictograph	To enable the students to learn to collect data and represent the same.
CH- 12 Symmetry and patterns.	Identify symmetrical figures, draw symmetrical figures, Extend patterns numbers or shapes.	To reinforce the concept of symmetrical figures
<b>WEB LINK:</b> <a href="https://goo.gl/oX9rAR">https://goo.gl/oX9rAR</a> <a href="https://goo.gl/9EkMRX">https://goo.gl/9EkMRX</a>		
<b>REFERENCE BOOKS :</b> Math Magic, Maths Xpress , Composite Mathematics,		
<b>FEBRUARY</b>		

## SCIENCE

### TOPIC

### LEARNING OBJECTIVE

### LAB ACTIVITY

## APRIL

Ch-6 Plants: Preparing and Storing Food

Describe the process of photosynthesis and role of chlorophyll  
Recognize the plants as the primary producers of food for all living beings.

To show the need of chlorophyll for photosynthesis.  
To grow mould or fungus.

Ch-7 Plants: Living and Surviving

Describe how plants and animals are adapted to the environment.  
Recognize the different plants and animals in different environment

To show the green leaf has starch.

**WEBLINK : Reference Book/ Web link : [www.internet4classrooms.com/skills\\_4th\\_science.htm](http://www.internet4classrooms.com/skills_4th_science.htm)**

**REFERENCE BOOKS: Universal Science(pearson),NCERT**

## MAY

Ch-8 Animals: How Life Goes On  
Importance of reproduction , animals laying eggs

Observing developmental changes in life cycle  
  
understand the need of reproduction

Make a chart showing the life cycle of butterfly and frog.  
Make a list of animals whose young ones don't look like them

**Web link : [www.internet4classrooms.com/skills\\_4th\\_science.htm](http://www.internet4classrooms.com/skills_4th_science.htm)**

**REFERENCE BOOKS :Universal Science(Pearson),Science Around Us(sultan chand)**

## JULY

Ch-3 Safety First  
Safety at home, in the kitchen, in the bathroom etc

Follow rules that help us stay safe.  
Give basic first aid when an accident occurs.

Collect a list of items needed for the first-aid and prepare a first-aid kit.  
Make a small pocket diary having all important phone.  
E.g:ambulance, police station, hospital, etc  
Make a project on dinosaurs why they became extinct? Find out and write a report on the topic.

Ch- 9 Animals: Living and Surviving

Recognise the animals living in different habitats adapted to the conditions there.

**Reference Book/ Web link : [www.nysqtsc.state.nv.us/kids/kidssign.htm](http://www.nysqtsc.state.nv.us/kids/kidssign.htm)**

## AUGUST

Ch- 1 Food and Digestion

Identify the nutrients present in different foods.  
To test the presence of starch in given food items.  
To test for the presence of fat in a food sample.

Make charts on digestive system.  
Make a chart showing different samples of foods that helps us to stay healthy.  
Write a recipe for a salad with all the nutrients.  
Divide the class in 2 teams and ask them to prepare a poster on ' care of teeth ' on materials used to clean teeth now a days and early times respectively

Ch- 2 Teeth and Microbes  
Different kinds of teeth, structure of tooth, microbes, digestion.

Digestion of food in several stages in digestive system, importance of good food habits.  
To describe the structure of tooth.  
To identify the correct ways to take care of teeth classify microbes.

**Web link : [www.smallstep.gov/kids/html/can\\_your\\_food.html](http://www.smallstep.gov/kids/html/can_your_food.html)**

TOPIC	LEARNING OBJECTIVE	LAB ACTIVITY
<b>SEPTEMBER</b>		
<b>REVISION</b>		
<b>OCTOBER</b>		
Ch-12 Air, Water and Weather	To list the changes in weather due to sun To learn more about air why winds blow, sea breeze and land breeze To learn more about water, evaporation, condensation, water cycle, impurities in water, purification of water, ways to save water	To show the process of sedimentation, decantation and filtration. To know the direction of wind To know sea breeze and land breeze
<b>Web link : <a href="http://www.students.websiteforever.com/www.childrenbooktrust.com.dm.htm">www.students.websiteforever.com/www.childrenbooktrust.com.dm.htm</a></b>		
<b>REFERENCE BOOKS : Universal science(Pearson),NCERT</b>		
<b>NOVEMBER</b>		
Ch-5 Solids, Liquids and Gases Different states of matter, solid liquid and gasses. Change of state, solution etc.  Ch-13 A Clean World	To define matter and recognize its existence in different states, interchange ability of states of matter, their solubility.  To understand the concept of environment Know about land, water and air pollution Know about 3 R's	To show the properties of gases. To show the volume of a solution will remain same as the volume of the solvent. To test the solubility of different substances. Make a list of things which can be recycled.
<b>Web link : <a href="http://www.internet4classrooms.com/skills_4th_science.htm">www.internet4classrooms.com/skills_4th_science.htm</a></b>		
<b>REFERENCE BOOKS : Universal science(Pearson),NCERT, Science Around Us</b>		
<b>DECEMBER</b>		
Ch-4 The Right Clothes To Wear The formation of cloth, for work, material for clothes, care of clothes, etc  Ch-10 Force, work and energy Force and its kinds work, energy and its types, sources of energy, the sun, moving water and air fuels.	To recognise the importance of clothes for protection, identify the formation of cloth, need of different clothes in different seasons, clothes worn by various workers.  To define force and identification of the common forces, importance of energy, identification of its forms. To define force and identification of the common. Forces.	To identify the different samples of fabrics and make an observation table about its feeling of touch, stretching, transparency etc.  To test the Friction. Make a list of simple machines used in home and paste their pictures in notebook.  Take a plastic scale and rub against dry hair. Attract to bits of paper to check the force acting

Web link : [www.sciencekids.co.nz/gamesactivities/friction.html](http://www.sciencekids.co.nz/gamesactivities/friction.html)

REFERENCE BOOKS : Universal science(Pearson),NCERT,Science Around Us

**TOPIC**

**LEARNING OBJECTIVE**

**LAB ACTIVITY**

## JANUARY

Ch- 11 The Earth and its Neighbours  
The stars, sun the planets, solar system.  
Rotation and revolution of the earth, causes of season, day and night formation etc.

To distinguish between star, planets, satellites.  
To differentiate between rotation and revolution of the earth.  
The formation of solar system.

Make a 3 dimensional model of solar system.

## FEBRUARY

### REVISION

## SOCIAL SCIENCE

TOPIC	LEARNING OBJECTIVE	ACTIVITY/MAP WORK
<b>APRIL</b>		
1. Our Country India	Learner will define the political and physical division of India	On a political map of India mark the smallest, largest and seven sister states.
2. The Northern Mountains	To know about features, importance and lifestyle of Mountains.	Collect and paste the information on any one hill station visited .
3. The Northern Plains	To know the features ,culture and lifestyle of Northern Plains	On a Political Map of India locate all the states that lies in northern plains.

**WEBLINKS :**<http://www.mapsofindia.com/games/india-map-puzzle.html>  
<http://www.britannica.com/EBchecked/topic/266037/himalayas>  
[http://www.indianetzone.com/16/crafts\\_north\\_india.html](http://www.indianetzone.com/16/crafts_north_india.html)

**REFERENCE BOOKS :** 1. S. Chand Publication  
 2 NCERT 3 Orient Blackswan

## MAY

4. The Great Indian Desert	Learner will define the extent ,vegetation and wildlife of Desert	Prepare presentation on Lifestyle in Deserts
5. The coastal plains and Islands	To list the states that lies in eastern and western coastal plains and their lifestyle	Prepare two minute advertisement to promote tourism in the coastal plains
6. The southern Plateaus	To Define the location , extent and physical features of southern Plateaus	On a Political map of India locate the southern Plateau states.

**WEBLINKS :**<http://funschool.kaboose.com/globe-rider/>  
<http://rajasthan.gov.in/rajgovt/misc/tourism.html>

**REFERENCE BOOKS ::**1. S. Chand Publication  
 2 NCERT 3 Orient Blackswan

## JULY

7. Climate	Learner will define about Weather, climate and seasons	Maintain a record for one week about the climatic condition of your and neighbouring states including temperature and humidity
8. Soils Of India	To List the types of soil and its importance	On a political map locate the type of soil found in specific state .
9. Our Forest Resources	To know about the types of distribution of forest in India	Make a list of trees and shrubs found in thorn Forest

**WEB LINK :**<http://kids.britannica.com/Comptons/article-225350/India>  
[http://education.nationalgeographic.co.in/education/encyclopedia/humus/?ar\\_a=l](http://education.nationalgeographic.co.in/education/encyclopedia/humus/?ar_a=l)

**REFERENCE BOOKS** REFERENCE BOOKS • REFERENCE BOOKS : 1. S. Chand Publication

TOPIC	LEARNING OBJECTIVE	ACTIVITY/MAP WORK
<b>AUGUST</b>		
10. Water Resources	Learner will define importance of water and its sources in India	Prepare a collage on different sources of water in India
11. Minerals Resources	To Define ores and Minerals and types of Minerals and need of conserving them.	Paste pictures of various minerals found in India and write the place where they are found
12. Our People Strength	To define the population and problems related to the human resources of India	Prepare a Presentation on the schemes conducted by government to promote Education.
<b>WEB LINK:</b> <a href="http://www.indianetzone.com/24/multipurpose_river_valley_projects_india.htm">http://www.indianetzone.com/24/multipurpose_river_valley_projects_india.htm</a> <a href="http://www.sciencekids.co.nz/sciencefacts/earth/rocksabminerals.html">http://www.sciencekids.co.nz/sciencefacts/earth/rocksabminerals.html</a> <a href="http://www.census2011.co.in/">http://www.census2011.co.in/</a>		
<b>REFERENCE BOOKS :</b> REFERENCE BOOKS : REFERENCE BOOKS : 1. S. Chand Publication 2 NCERT 3 Orient Blackswan		
<b>SEPTEMBER</b>		
<b>REVISION</b>		
<b>OCTOBER</b>		
13. Agriculture	Learner will define the types of crop and green Revolution and Cropping season	Paste and Write about any five food and cash crop
14. Industry	To define various types of Industries found in India	On a political map Of India locate any seven Industries
15. Transport	To know about modes of travelling and their advantages .	On a political map of India locate the states and their cities where metro Runs
<b>WEBLINK :</b> <a href="http://www.indianetzone.com/38/indian_food_crops.htm">http://www.indianetzone.com/38/indian_food_crops.htm</a> <a href="http://www.nhai.org/doc?233june12?NH_NH%20wise.pdf">http://www.nhai.org/doc?233june12?NH_NH%20wise.pdf</a>		
<b>REFERNECE BOOK</b> 1. S. Chand Publication 2 NCERT 3 Orient Blackswan		
<b>NOVEMBER</b>		
16. Means of Communication	To learn about various means of communication and their importance	Prepare a presentation on any one mode of Communication
17. What would we do without them?	To know about importance of welfare of the people and role of Gram Panchayat	Conduct a class discussion on role of gram Panchayat and local bodies in Villages
18. Our Rights and Duties	To know about the fundamental rights and duties	Write and draw about of the National Flag
<b>WEB LINK :</b> <a href="http://www.indiapost.gov.in/">http://www.indiapost.gov.in/</a> <a href="http://www.indianetzone.com/40/panchayat_system_india.htm">http://www.indianetzone.com/40/panchayat_system_india.htm</a>		



# COMPUTER

## TOPIC

## LEARNING OBJECTIVE

## LAB ACTIVITY

### APRIL

**Chapter -1 INPUT AND OUTPUT DEVICES**

Computer System  
Input devices  
Output Devices  
Processing Device

**Chapter – 2 MEMORY AND STORAGE**

Bits and Bytes  
Internal Memory  
External Memory  
Storage Devices  
Portable Storage Devices

Learn about the basic features , functions and importance of a Computer System  
Input devices and their use  
Output Devices and their use  
Processing Device and their use

Learn about the basic storage units of Memory of Computer like Bits and Bytes  
What is Internal Memory and its use?  
What is External Memory and its use?  
About Storage Devices and their functioning  
Portable Storage Devices and their importance

\* Open Microsoft Word , Create a new document and type the name of different input , output and processing device and their use in one line.

- Visit to lab and demonstration of Internal and External memory use.
- Make a Memory units chart using different Font style , type, colour and size options

Reference Book/web link: [http://www.abcya.com/input\\_output.html](http://www.abcya.com/input_output.html)  
[www.teach-ict.com/gcse\\_computing/ocr](http://www.teach-ict.com/gcse_computing/ocr)

### MAY

**Chapter-3 WORKING WITH WINDOWS**

Features of Windows  
Starting Windows  
The Start button  
Computer  
Files and Folders  
Create, Open, Rename a File/ Folder  
Context Menu  
Shortcuts?

Learn about the features of Windows Operating system.  
  
The basic features of Windows  
How to start Windows?  
Use of Start button  
Computer icon  
Need of Files and Folders  
Creating, Opening, Renaming a File/ Folder  
Using Context Menu  
What is a Shortcut and its purpose?

Opening of Windows operating System.  
Demonstration of Window components like Desktop, Desktop icons, Status bar, Start button and their use  
Creating Folders on the Desktop, Opening and Renaming it

Reference Book/web link: : <http://www.gcflearnfree.org/computerbasics>

TOPIC	LEARNING OBJECTIVE	LAB ACTIVITY
<b>JULY</b>		
<b>Chapter-4 TUX PAINT</b> Shapes Tool Eraser and New Tool Drip Magic Edges, Foam, Grass Effect Rainbow and Real Rainbow Effect Noise, Smudge, Waves and Wavelets Effects	Learn about various tools of TUX Paint Like Shapes Tool Eraser and New Tool Drip Magic Using Edges, Foam, Grass Effect Rainbow and Real Rainbow Effect How and why to use Noise, Smudge, Waves and Wavelets Effects?	<ul style="list-style-type: none"> <li>• Open Tux Paint. Create a simple drawing. Use Basic tools for drawing. Save the drawing</li> <li>• Make a given drawing using advance features of TUX Paint like Rainbow and Grass effect</li> </ul>
<b>Reference Book/web link: : <a href="http://tuxpaint.org/features">http://tuxpaint.org/features</a></b>		
<b>AUGUST</b>		
<b>Chapter- 5 EDITING TEXT IN MS WORD 2007</b> Start MS Word Enter the Text Select and Edit the Text Select the Text Insert/ Move the Text Copy and Delete Text Undo and Redo Commands Spelling and Grammar Thesaurus <b>Chapter – 6 FORMATTING A DOCUMENT</b> Font types Font Styles Bold, Italics and Underline Text Alignment Font Colour Line Spacing Bulleted or Numbered List Borders and Shading Drop Cap	Learn about Starting MS Word Entering the Text Selecting and Editing the Text Selecting the Text using Mouse and Keyboard Inserting/ Moving the Text Copying and Deleting the Text Undo and Redo Commands Checking Spelling and Grammar Using Thesaurus  Learn about Changing the Font type Applying Font Styles- Bold, Italics and Underline Changing Text Alignment Changing Font Colour Changing Line Spacing Creating Bulleted or Numbered List Applying Borders and Shading Applying Drop Cap	<ul style="list-style-type: none"> <li>• Create the New document in MS Word, Type the given paragraph. Make the duplicate copy of the typed paragraph.</li> <li>• Shift the same paragraph on next page.</li> <li>• Practice of Copy, Cut and Paste commands and other editing features of MS Word</li> <li>• Checking of Spellings using Spell and Grammar command</li>   <li>• Practice of Formatting features of MS Word</li> <li>• Creating Bulleted and Numbered list</li> <li>• Applying Borders in page</li> </ul>
<b>Reference Book/web link: : <a href="http://www.fgcu.edu/support/office2007/word">http://www.fgcu.edu/support/office2007/word</a>  <a href="http://www.gclearfree.org/word2007">www.gclearfree.org/word2007</a></b>		
<b>SEPTEMBER</b>		
<b>REVISION</b>		

TOPIC	LEARNING OBJECTIVE	LAB ACTIVITY
<b>OCTOBER</b>		
<b>Chapter – 7</b> <b>LOGO COMMANDS</b> Start Logo Elementary Logo Commands The Print Command Calculations in Logo Print Command with Mathematical Function Print Sum, Difference, Product, Quotient and Remainder Print with Logical Operators	Learn about Starting Logo Recalling Elementary Logo Commands Learn to use the Print Command And performing calculations in Logo Using Print Command with Mathematical Function Printing Sum, Difference, Product, Quotient and Remainder Printing with Logical Operators	<ul style="list-style-type: none"> <li>• Visit to Lab and demonstartion of Opening and closing of MSWLOGO</li> <li>• Making Figures by using elementray LOGO commands</li> <li>• Doing calculations using Print command</li> </ul>
<b>Reference Book/web link:</b> <a href="https://mckoss.com/logo.basiclogo.htm">https://mckoss.com/logo.basiclogo.htm</a>		
<b>NOVEMBER</b>		
<b>Chapter – 8</b> <b>LOGO PROCEDURES</b> Procedure Using the Input Box Edit the Procedure The Editor Window Save, Load and Erase a Procedure Repeat Command Draw Circles Procedures Fill Colour in a Circle	Learn about defining a Procedure Using the Input Box Editing the Procedure Using the Editor Window Saving, Loading and Erasing a Procedure Repeat Command Drawing Circles with Repeat Using Procedures Filling Colour in a Circle	<ul style="list-style-type: none"> <li>• Learning to create , edit and save and load procedures</li> <li>• Drawing different figures using REPEAT command</li> <li>• Making of different shapes using procedures</li> </ul>
<b>Reference Book/web link:</b> <a href="https://www.ecawa.asn.au/home/jfuller/logotut/menu.htm">https://www.ecawa.asn.au/home/jfuller/logotut/menu.htm</a>		
<b>DECEMBER</b>		
<b>Chapter – 9</b> <b>MICROSOFT POWERPOINT 2007</b> Starting MS Powerpoint Components of MS Powerpoint Creating a New Presentation Adding Text into a Placeholder Saving, Exiting and Opening a Presentation Adding a New Slide Adding Pictures to the Title and Content Slide Slide Show	Starting MS Powerpoint Components of MS Powerpoint Creating a New Presentation Adding Text into a Placeholder Saving, Exiting and Opening a Presentation Adding a New Slide Adding Pictures to the Title and Content Slide Slide Show	<ul style="list-style-type: none"> <li>• Opening MS PowerPoint            Creating a new Presentation, Inserting Slides, Saving and opening the Presentation</li> </ul> <p>* Creating Title slide, Inserting ClipArt in slide and making a presentation on the given topic</p>
<b>Reference Book/web link:</b> <a href="http://www.slideshare.net/edirblik/zekepowerpoint">http://www.slideshare.net/edirblik/zekepowerpoint</a>		

TOPIC	LEARNING OBJECTIVE	LAB ACTIVITY
<b>JANUARY</b>		
<b>Chapter – 10 INTERNET</b> Introduction of Internet? Uses of the Internet Basic Requirements for an Internet Connection Internet Terms Starting Internet Search Engines E-Mail	Learn about what is Internet? Uses of the Internet Hardware and Software requirements for an Internet Connection Internet Terms How to Start Internet? Search Engines their use and importance E-Mail and its use and advantages	<ul style="list-style-type: none"> <li>• Visit to lab to demonstrate how to open Internet using Browser</li> <li>• Demonstration of how to search information on the Internet</li> </ul>

Reference Book/web link: <http://www.popera.com>

## FEBRUARY

## REVISION

## G.K

### TOPIC

### LEARNING OBJECTIVE

## APRIL

#### THE NATURAL WORLD

Natural Wonders, Mountain and Oceans  
All in a name, Blast from the Past  
Birdy Quiz ,Who am I?  
Surviving Strong ,Our Green World, Insect eating plants

Recall some natural wonders, mountain & oceans of the World.  
List and name pre -historic animals & birds  
Identify strong Survivors.

## MAY

#### SCIENCE AND TECHNOLOGY

Medical speaking, Mission space ,our solar system ,how our body works and NET working

Recall important branches of science  
List of medical equipment  
Recall organ system of human body  
List and name the doctors  
Learn about computer network

## JULY

#### LANGUAGES AND LITERATURE, LEGENDS AND MYTHS

Sound device ,A matter of spellings, Word pyramids and Book club

Recall different types of Sound devices  
Identify the errors of spelling  
Able to recall how a pyramid of words is formed  
List the name of different books

## AUGUST

#### THINGS AROUND ME

How green and clean is your neighbourhood?  
,Wheels at work , Eco Warriors, Crops in India , Life cycle of a crops and understanding traffic signs.

Learn how clean and green is your neighbourhood  
Identify the different types of Wheel  
List the different types of Crops  
Recall the traffic rules.

## SEPTEMBER

#### NUMBER SKILLS

Math-a-maze  
Math teasers

Able to solve the maths Quiz  
Recall the different methods to solve the maths problems

**TOPIC****LEARNING OBJECTIVE****OCTOBER****ART AND MUSIC**

Lights!camera!Action! , Music to listen and In the spotlight

Recall the name persons who work together to make movies

List the different rtypes of musical instruments

Able to know about who all work in Circus

**NOVEMBER****SPORTS**

Sports stars , Cricket crazy, Guess the game, Cups and Games, Judo Jedi and Sports vocab

Recall the name of personality from world sports

Recall about the Cricket Team

Able to know about the Facts of Judo Jedi

**DECEMBER****THE WORLD AROUND US**

Landmark monuments, Famous firsts ,Great emperors, people in Politics , Sobriquets, Geo Regions, Stars of the Business world ,Festive Spirit and Shining India

Recall the name of monuments in different countries

Recall the name of Great emperors

List the name of Festival celebrated in different parts of world.

**JANUARY****REVISION**

# DRAWING

## TOPIC

## LEARNING OBJECTIVE

### APRIL

#### WHAT IS ART?

- Elements of art,line,colour
- Basic drawing tips and techniques,shapes,and forms.
- Practice filling colours.
- Draw the missing part
- More drawing techniques(Rubbing, Mix Media, Airblowing, Stippling,Feathering and Blending, knife painting,Sgraffito,Scratch board techniques,Drawing on coloured paper.

#### TECHNIQUES OF WATER COLOUR?

- Flat wash,Grated wash, Variegated wash

#### TIPS OF KIDS?

- Paper quilling art(basic shapes)
- Basic origami techniques

They acquire knowledge of the *fundamentals of art* and design, gain experience with the required tools, materials and techniques for making *art* and design.

### MAY

#### ART BOOK

- Guava
- Banana

#### CRAFT WORK (purpose-holiday home work)

- Pen holder(ice-cream stick)
- Marble art

Creative drawing and colouring skills will improve

learn to create usable objects from waste material

### JULY

#### ART BOOK

- Birds
- Impression art

#### Art file

- Butterfly(spray)

#### CRAFT WORK

- Samurai cap (origami)
- Paper cap

Learn to print and spray.

Creative drawing and colouring skills will improve.

learn to create usable objects from waste material

Developing new ways of thinking, seeing, and creating.

## AUGUST

### Art book

- Marigold
- Butterfly

### Craft work

- Independence day (ball hanging in try colour)
- Rakhi making (raksha bandhan)
- Janmashtami (bottle art)

Creative drawing and colouring skills will improve

learn to create usable objects from waste material

## SEPTEMBER

### ART BOOK

- Wool painting
- Elephant
- Dog

### ART FILE

- Dinosaur
- 3-d picture

### Craft work

- Dussehra (paper kalash)
- Teachers day (gift box with coloured paper)

Creative drawing and colouring skills will improve

Students will learn tints and shades.

Learn to create usable objects from waste material  
Developing new ways of thinking, seeing, and creating.

## OCTOBER

### ART BOOK

- Rabbit face
- Paper collage

### ART FILE

- Crayon resist
- peacock

### Craft work

- Balloon mask
- Diwali (candle making)

Creative drawing skills will improve.

learn to create usable objects from waste material

## NOVEMBER

### ART BOOK

- Cup and saucer
- Decorative cushion
- Face of a man & woman

### ART FILE

- Landscape

### Craft work

- Sports day (craft work)
- Quilled animal

Creative drawing and colouring skills will improve.

learn to create usable objects from waste material and paper strips.

**TOPIC****LEARNING OBJECTIVE****DECEMBER****ART BOOK**

- Crayon resist

**ART FILE**

- Mosaic painting
- Knife painting

**Craft work**

- Decorative things for christmas  
And new year
- The circle stitch

Creative drawing techniques and colouring skills will improve

learn to create usable objects from waste material

**JANUARY****ART BOOK**

- Decorative cushion
- Leaf(banana, maple)

**ART FILE**

- Tree (spreading crown)
- Tree (v-shaped)

learn to draw and print with tracing paper.

Creative drawing and colouring skills will improve

**FEBRUARY****REVISION**

# PHYSICAL EDUCATION

**TOPIC**

**OBJECTIVE**

**APRIL**

**MAY**

**JULY**

**AUGUST**

**SEPTEMBER**

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TOPIC	LEARNING OBJECTIVE
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<b>OCTOBER</b>	
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<b>NOVEMBER</b>	
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<b>DECEMBER</b>	
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<b>JANUARY</b>	
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<b>FEBRUARY</b>	
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# DANCE

- D – Do your personal best**
- A - Always show respect**
- N – Negativity is unacceptable**
- C – Come prepared**
- E - Everyone and their ideas are important**

## TOPIC

## LEARNING OBJECTIVE

### APRIL & MAY

#### Basic movement

- Hand movements
- Shoulder movements
- Leg movements
- Neck movements
- Belly movements

- Students will learn the basic movements of the dance form.
- They will learn how to feel the music and do the steps in rhythm.

### JULY & AUGUST

#### Patriotic Song

- Expressions
- Movements with props
- Patriotism
- Leadership

- Students will learn how to dance with props.
- They will learn how to give expressions according to lyrics/dance form.

### OCTOBER & NOVEMBER

#### Group Drills

- Movement with prop
- Synchronization
- Formation

- Students will learn how to dance in different formation in a synchronized manner.

### DECEMBER & JANUARY

#### Patriotic song

- Expressions
- Movements with props
- Patriotism
- Leadership in formation

- Students will learn how to dance with props.
- They will learn how to give expressions according to lyrics/dance form.

## PHONICS THE SOUNDS OF ENGLISH



<b>A a</b>	Says	(ऐ)	as in Alligator, Apple
<b>B b</b>	Says	(ब)	as in Balloon, Butter
<b>C c</b>	Says	(क)	as in Camel, Custard
<b>D d</b>	Says	(ड)	as in Dove, Drum
<b>E e</b>	Says	(ए)	as in Eagle, Egg
<b>F f</b>	Says	(फ)	as in Flower, Fire
<b>G g</b>	Says	(ग)	as in Girl, Guitar
<b>H h</b>	Says	(ह)	as in Home, Hippo
<b>I i</b>	Says	(इ)	as in Igloo, Insect
<b>J j</b>	Says	(ज)	as in Jam, Jungle
<b>K k</b>	Says	(क)	as in Kangaroo, Kettle
<b>L l</b>	Says	(ल)	as in Leaf, Ladder
<b>M m</b>	Says	(म)	as in Monkey, Moon

<b>N n</b>	Says	(न)	as in Nail, Napkin
<b>O o</b>	Says	(औ)	as in Octopus, Orange
<b>P p</b>	Says	(प)	as in Penguin, pencil
<b>Q q</b>	Says	(क्व)	as in Queen, Quilt
<b>R s</b>	Says	(र)	as in Rat, Rose
<b>S s</b>	Says	(स)	as in Sun, Socks
<b>T t</b>	Says	(ट)	as in Tomato, Tub
<b>U u</b>	Says	(अ)	as in Umbrella, Up
<b>V v</b>	Says	(व)	as in Van, Vase
<b>W w</b>	Says	(व्ह)	as in Water, Watch
<b>X x</b>	Says	(क्स)	as in X-Mas, X-Ray
<b>Y y</b>	Says	(य)	as in Yak, Yes
<b>Z z</b>	Says	(ज़)	as in Zoo, Zebra