

# ENGLISH

**UNIT NO. & LESSON**

**KEY CONCEPT /VALUE POINT**

**LEARNING OBJECTIVE**

## APRIL

**(Main Course Book)**

**Laugh Out Loud**

- Hanging a picture
- Forty fortunes
- Macavity: The Mystery Cat

**(Workbook)**

- Simple Tenses
- Parts of Speech
- Binomials

**(Literature Reader)**

The Luncheon /Our Responsibility

Reading and comprehension  
Sequencing of a story  
Notice Writing  
Role playing  
Parts of Speech

Discussion on a contented life  
Reading and comprehension  
Character sketch

Diary entry with impersonation of characters in the story  
Group discussion on topics related to the chapter

The child will be able to:  
Express their ideas and develop their creative faculties

Use prepositions and binomials appropriately and creatively in their sentences.

Observe the technicalities of role playing.  
Observe the perspectives of various characters of a story.

**Reference Book/ Web link:-** <http://www.poets.org/poetsorg/poet/t-s-eliot>

## MAY

**(Main Course Book)**

**Nature's Fury**

- Fire Stones
- Can Animals Predict Earthquakes

**(Workbook)**

- Modal Auxiliaries
- Perfect tenses
- *For since*
- Suffixes

**(Literature Reader)**

The Tunnel

Sequencing of a story  
Exercises based on phrasal verbs and suffixes  
Role playing

Diary Entry  
Using Perfect Tenses and suffixes

Understanding Onomatopoeia

Enhance their listening skills.

Make proper and informed usage of perfect tenses.

Creatively use onomatopoeia while making their own sentences.

**Reference Book/ Web link:-** <http://www.poets.org/poetsorg/poet/t-s-eliot>

## JULY

**(Main Course Book)**

**Visions of the Future**

- A Robot in the Future
- All Summer in a Day
- The Heart of the Tree

**(Workbook)**

- Determiners
- Future Time Reference
- Synonyms and Antonyms

Creative writing  
Scripted conversations on imaginary situations  
Pronunciation practice with stress and intonation  
Placing of 'dash'  
Listening exercise  
Exercises based on noun and adverb clauses  
Library referencing/  
Vocabulary games

Make use of their own linguistic and creative faculties.

Elucidate upon a given topic with proper pronunciation, stress and intonation.

UNIT NO. & LESSON	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
<b>JULY</b>		
<p><b>(Literature Reader)</b> A Grain As Big As a Hen's Egg  Music</p>	<p>Experience sharing Reading and comprehension Group discussion on topics related to the chapter</p>	<p>Justify the significance of book reading Comprehend and appreciate the chapter</p>
<b>Reference Book/ Web link:- <a href="http://www.livescience.com/topics/robots/">http://www.livescience.com/topics/robots/</a></b>		
<b>AUGUST</b>		
<p><b>(Main Course Book)</b> <b>Playing the Game</b> • Its How You Play the Game • The Milestone Man • Gulli- Danda • Six Minutes, Twenty Six Seconds <b>(Workbook)</b> • Phrases • Clauses • Phrasal Verbs • Usage of 'Dash'  <b>(Literature Reader)</b>  The New Tenant</p>	<p>Imaginative and creative writing Reading and comprehension Listening activity Newspaper article writing  Letter writing(informal) Role playing  Reading and comprehension Diary entry Vocabulary exercises Group discussion on how to lead a simple and stress free life</p>	<p>Attempt writing articles for newspapers on some of the topics.  Write informal letters with proper understanding of the content and required pattern.  Appreciate the given poem coherently with the comprehension of rhetorical devices used.</p>
<b>Reference Book/ Web link:- <a href="http://www.englishpage.com/verbpage/activepassive.html">http://www.englishpage.com/verbpage/activepassive.html</a></b>		
<b>SEPTEMBER</b>		
<p><b>(Literature Reader)</b> Just Enough  <b>Revision</b></p>	<p>Note making from the given passage Summary writing of the same passage Exercises based on continuous tenses  Reading and comprehension Creative writing Diary entry Group discussion about an imaginary situation</p>	<p>Achieve the structural understanding of a story.  Make consolidated notes out of lengthy passages and summarize the same.  Refrain from making mistakes while using the continuous tenses.</p>
<p><b>Reference Book/ Web link:- <a href="http://www.poetryfoundation.org/poem/174631">http://www.poetryfoundation.org/poem/174631</a></b>  <b><a href="http://en.wikipedia.org/wiki/Alfred,_Lord_Tennyson">http://en.wikipedia.org/wiki/Alfred,_Lord_Tennyson</a></b></p>		

UNITNO. & LESSON	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
<b>OCTOBER</b>		
<p><b>(Main Course Book)</b>  <b>Media Matters</b></p> <ul style="list-style-type: none"> <li>• The First Book</li> <li>• Be Web Wise</li> <li>• Television</li> </ul> <p><b>(Workbook)</b></p> <ul style="list-style-type: none"> <li>• Formal letter</li> <li>• homophones</li> <li>• connectors</li> </ul> <p><b>(Literature Reader)</b></p> <p>Mama’s Hands</p> <p>My Donkey Sally</p>	<p>Vocabulary based exercises  Dictionary work  Poster reading  Interviewing and role playing  Formal letter to the chief executive of a company  Exercises based on perfect tenses  Word games</p> <p>Analysis and appreciation of the poem  Dialogue writing  Class discussion on our right to judge people  Writing an informal letter as one of the characters of the story  Group discussion on topics related to the chapter</p>	<p>The child will be able to:</p> <p>Comprehend the posters with the knowledge of its technical aspects.</p> <p>Enhance their vocabulary and learn dictionary referencing skills.</p> <p>Appreciate the given poem and critically analyze the same.</p> <p>Elucidate upon the given topic using their own analytical skills.</p>
<p><b>Reference Book/ Web link:-</b> <a href="http://www.bifroest.demon.co.uk/misc/homophones-list.html">http://www.bifroest.demon.co.uk/misc/homophones-list.html</a></p>		
<b>NOVEMBER</b>		
<p><b>(Main Course Book)</b></p> <p><b>The Girl Child</b></p> <ul style="list-style-type: none"> <li>• For Love of a Game</li> <li>• The Why-Why Girl</li> <li>• The Champion’s Story</li> </ul> <p><b>(Workbook)</b></p> <ul style="list-style-type: none"> <li>• Active and passive voice</li> <li>• Article writing</li> <li>• Idioms</li> <li>• Compound verbs</li> </ul> <p><b>(Literature Reader)</b></p> <p>In the Bazaars of Hyderabad</p> <p>The Girl on the Train</p>	<p>Reading and comprehension  Appreciation of the poem</p> <p>Paragraph writing regarding the impression the description in the poem created</p> <p>Discussion on the impact of modern markets on the traditional bazaars  Dialogue writing</p>	<p>Speak with proper pronunciation, stress and intonation.</p> <p>Write notices as per the requirement of the questions</p> <p>Develop creative writing skills and practice how to communicate with limited words.</p>
<p><b>Reference Book/ Web link:-</b> <a href="http://a4esl.org/q/h/9901/tm-reported1.html">http://a4esl.org/q/h/9901/tm-reported1.html</a>  <a href="http://www.bbc.co.uk/worldservice/learningenglish/radio/specials/1457_gramchallenge35/">http://www.bbc.co.uk/worldservice/learningenglish/radio/specials/1457_gramchallenge35/</a></p>		

UNITNO. & LESSON	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
<b>DECEMBER</b>		
<p><b>(Main Course Book)</b> <b>Facing Challenges</b></p> <ul style="list-style-type: none"> <li>• The Will to Live</li> <li>• Who’s Afraid?</li> <li>• Home They Brought Her Warrior Dead</li> </ul> <p><b>(Workbook)</b></p> <ul style="list-style-type: none"> <li>• diary entry</li> <li>• Reported speech</li> <li>• punctuation</li> </ul> <p><b>(Literature Reader)</b> The Blue Carbuncle</p>	<p>Poster reading Research work Exercises based on conditional clauses Analysis and discussion of the issues in the chapter</p> <p>Newspaper report writing Exercises based on question tags Punctuation exercises</p> <p>Reading and comprehension Role playing Diary entry Class discussion</p>	<p>Present their ideas and opinions in a coherent manner.</p> <p>Make proper usage of reported speech in everyday conversation. Write their own reports for the given situations. Make informed usage of conditional clauses in their sentences.</p> <p>Comprehend the chapter while having observed the characters minutely.</p>
<b>JANUARY</b>		
<p><b>(Main Course Book)</b> <b>The Animal Kingdom</b></p> <ul style="list-style-type: none"> <li>• Where have the Sparrows Gone</li> <li>• Animal in Trust</li> <li>• The Owl Critic</li> </ul> <p><b>(Workbook)</b></p> <ul style="list-style-type: none"> <li>• Preposition</li> <li>• Note-making</li> <li>• Words belonging to the same semantic field</li> </ul> <p><b>Revision</b></p> <ul style="list-style-type: none"> <li>• Notice writing</li> <li>• Reported Speech</li> <li>• Tenses</li> <li>• Formal Letter</li> </ul>	<p>Research and observation Dictionary work Listening exercises</p> <p>Note making from an unseen passage Summary writing of the same passage Vocabulary games</p>	<p>Make notes out of a long text</p> <p>Identify the words belonging to the same semantic field</p> <p>Make proper use of prepositions</p>
<b>Reference Book/ Web link:- <a href="http://www.youtube.com/watch?v=l8q30E7-eNc">http://www.youtube.com/watch?v=l8q30E7-eNc</a></b>		
<b>FEBRUARY</b>		
<p>Revision</p> <ul style="list-style-type: none"> <li>• Prose</li> <li>• Poetry</li> <li>• Play</li> </ul>	<p>Assessments Oral presentations Quizes</p>	

# HINDI

पाठ्यक्रम एवं पाठ्य सूची	व्याकरण	गतिविधियाँ	शिक्षणउद्देश्य
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## अप्रैल

नूतन सरल हिंदी पाठ-1 प्रणति पाठ-2 गिल्लू	विलोम, अनेकार्थी, विशेषण, योजकचिह्न,	असहयोग आंदोलन पर आठ पंक्तिया लिखें।	काव्य विधा के माध्यम से भाषा ज्ञान कराना। देश भक्तों के बलिदान को उजागर करना।
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## मई

नूतन सरल हिंदी पाठ-3 महात्मा गाँधी के पत्र पाठ-4 हरी-हरी दूबपर	वाक्य ,लिंग,क्रियाविशेषण,पत्र	सूर्योदय को देखकर अपने मन में उठने वाले भावों को डायरी के रूप में लिखें।	पत्र लेखन विधा से अवगत कराना। वाक्य की पहचान कराना।
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## जुलाई

नूतन सरल हिंदी पाठ-5 समय नियोजन पाठ-6 निर्मल हृदय	उपसर्ग,संन्धि, निबंध,पत्र,मुहावरे,	अपने जीवन के किसी मनोरंजक घटना को कक्षा में सुनाएं	वैचारिक लेख विधा से परिचय कराना। समय नियोजन का महत्व समझाना। अभिव्यक्ति क्षमता का विकास करना। विशेषण के प्रयोग में सक्षम बनाना।
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## अगस्त

नूतन सरल हिंदी पाठ-7 ओलंपिक खेल पाठ-8 नीति के दोहे पाठ-9 खेले-खेल एकता के	विलोम, संन्धि,क्रिया मुहावरे, पर्यायवाची, अनुच्छेद समास।	ओलंपिक खेलों में आपका मनपसंद खेल कौन-सा है? उस पर दस पंक्तियाँ लिखें। पाँच शिक्षा प्रद दोहे लिखें ।	खेल भावना का महत्व स्पष्ट करना। मनवीय गुणों को उभारना। भाषा की अशुद्धता की पहचान विकसित करना।
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पाठ्यक्रम एवंपाठ्य सूची	व्याकरण	गतिविधियाँ	शिक्षणउद्देश्य
<b>सितम्बर</b>			
नूतन सरल हिंदी पाठ-10 जल ही जीवन है पाठ-11 अंधेरे का दीपक	अनेकार्थक शब्द, प्रत्यय, उपसर्ग, अपठित गद्यांश, पत्र	जल प्रदूषण पर परिचर्चा।	जल प्रदूषण के प्रति सचेत करना। जीवन मूल्यों की जानकारी देना।
<b>अक्टूबर</b>			
नूतन सरल हिंदी पाठ-12 लोकनृत्यो की धरती नागालैंड पाठ-13 प्रतिदिन होत्योहार हमारा	संज्ञा,काल,पत्र, विशेषण, अपठित पद्यांश,	भारत के पाँच राज्यों के प्रमुख उद्योगों, फसलों एवं दर्शनीय स्थलों का एलबम बनाएं।	तुलनात्मक अध्ययन से अवगत कराना। संज्ञा के प्रयोग की समझ बढ़ाना।
<b>नवम्बर</b>			
नूतन सरल हिंदी पाठ-14 सौर उर्जा कल की उर्जा पाठ-15 सच्चा तीर्थ यात्री	विलोम,पर्यायवाची,समास, समानार्थक शब्द, निबंध,	मृदर टेरेसा की जीवनी लिखें।	काव्य लेखन के लिए प्रेरित करना। शब्द भण्डार में वृद्धि करना।
<b>दिसम्बर</b>			
नूतन सरल हिंदी पाठ-16 बाल लीला पाठ-17 अल्फ्रेड नोबेल का प्रायश्चित	विराम चिह्न,चित्र वर्णन,विलोम,विज्ञापन समास	किसी एक वैज्ञानिक की जीवनी पर आधारित चित्रों से कोलाज बनाएँ	कृष्ण भक्ति रस से अवगत करना। अल्फ्रेड नोबेल की खोजों से अवगत कराना।
<b>जनवरी</b>			
नूतन सरल हिंदी पाठ-18 कौडी से ई मनी तक पाठ-19 सुभान खॉ	वचन,पत्र,अपठित गद्यांश अपठित पद्यांश अव्यय,वाक्य।	ई मनी शॉपिंग पर पी, पी,टी, बनाएँ	नवीन अविष्कारों के सृजन की जानकारी देना। एकता के प्रति जागरूक करना।
<b>फरवरी</b>	<b>पुनरावृत्ति</b>		

**Reference Book/ Web link:-**

[www.hindikunj.com](http://www.hindikunj.com) [www.slideshare.net/dahiyamohit/hindi-project-alankar](http://www.slideshare.net/dahiyamohit/hindi-project-alankar)  
[sangyakiparibhasha.blogspot.com/.../defination-of-san...](http://sangyakiparibhasha.blogspot.com/.../defination-of-san...)  
[www.arshakulam.org/pdf/sanskrit/sandhihandbook.pdf](http://www.arshakulam.org/pdf/sanskrit/sandhihandbook.pdf)  
[www.hindilearner.com/hindi\\_basics/hindi\\_grammar.html](http://www.hindilearner.com/hindi_basics/hindi_grammar.html)  
[www.lonweb.org/links/link-hindi.htm](http://www.lonweb.org/links/link-hindi.htm) [www.lonweb.org/links/link-hindi.htm](http://www.lonweb.org/links/link-hindi.htm)

# SANSKRIT

पाठ्यक्रम एवंपाठ्य सूची	व्याकरण	गतिविधियाँ	शिक्षणउद्देश्य
<b>अप्रैल</b>			
दीपमणिका पाठ-1 वार्तालाप पाठ-2 लटलकार	अपठितगद्यांश, पर्याय एवंविपर्याय	लघु वार्तालाप लिखें । लट लकार के दे धातुओं के रूप लिखें	शब्दभण्डारमेंवृद्धि कराना । बौधिक क्षमता का विकास करना ।
<b>मई</b>			
दीपमणिका पाठ-3 लङ् लकार	शब्दरूपप्रकरण संख्या, पत्र, संवाद, चित्र वर्णन	पाँच धातुओं के एकवचन द्विवचन, बहुवचनलिखें ।, लङ् लकार के किसी एक धातु के रूप लिखें	पत्र लेखनसेअवगतकराना । छोटे-छोटेवाक्योंद्वारा चित्र वर्णनमें सक्षमबनाना ।
<b>जुलाई</b>			
दीपमणिका पाठ-4 लङ् लकार पाठ-5 लोटलकार	धातु रूपप्रकरण, संख्या, पत्र, संवादचित्र वर्णन	उत्तमपुरुष अहम आवाम तथा वयम से वाक्य बनाएं	उत्तमपुरुष का ज्ञान कराना । अज्ञात्मक वाक्यों से परिचय कराना । संस्कृत की संख्या से अवगत कराना ।
<b>अगस्त</b>			
दीपमणिका पाठ-6 संख्याबोध पाठ-7 प्रत्याया	पर्याया एवं विपर्याय	संस्कृत की संख्या एक से बीस तक चार्ट पेपर पर लिखें । पाँच विलोम शब्द चित्र के माध्यम से दर्शाएं ।	संख्या का ज्ञान संस्कृत में कराना । पर्यायवाची के प्रयोगमें सक्षम बनाना । विलोम का ज्ञान कराना ।

पाठ्यक्रम एवंपाठ्य सूची	व्याकरण	गतिविधियाँ	शिक्षणउद्देश्य
<b>सितम्बर</b>			
दीपमणिका पाठ-8 सुवचनननि पाठ-9 एक परिवार	प्रत्यय, अपठित गद्यांश, अपठित पद्यांश संख्या,	टपनी पसंद का दो श्लोक अर्थ सहित लिखें।	श्लोक वाचन में सक्षम बनाना। संख्या का ज्ञान संस्कृत में कराना। संस्कृत प्रश्न निर्माण में सक्षम बनाना।
<b>अक्टूबर</b>			
दीपमणिका पाठ-10 कुशलचित्रकारः पाठ-11 महात्माबुद्ध	अव्यय,पत्र लेखनचित्र वर्णन	कुशलचित्रकारकहानी सेमिलनेवालीशिक्षालिख ें।	आत्मनिर्भरताकीभावनावि कसितकरना अव्यय काज्ञानकराना। चित्र वर्णनमें सक्षमबनाना।
<b>नवम्बर</b>			
दीपमणिका पाठ-12 सुभाषितानि पाठ-13 मूर्खः भृत्यः	वाच्य परिवर्तन, अपठित गद्यांश ,संवाद,पत्र लेखन	कोई दो श्लोक अर्थ सहित लिखें। तथा याद करके कक्षा में सुनाएँ	पत्र लेखन क्षमता विकसित कराना। वाच्य का ज्ञान कराना। श्लोक वाचन में सक्षम बनाना।
<b>दिसम्बर</b>			
दीपमणिका पाठ-14 नैवक्लिष्टान चकठिना पाठ-15 बुद्धि यस्याबलम् तस्या	समय , अपठित पद्यांश ,पत्र लेखन	पाँच उपसर्गों की सहायता से शब्द बनाएँ।	पत्र लेखन क्षमता विकसित करना। उपसर्ग का ज्ञान कराना।
<b>जनवरी</b>			
दीपमणिका पाठ-16 उपसर्गाः	संख्या,अशुद्धिशोधन, अपठित गद्यांश पत्र लेखन	लृटलकार के पाँच उदाहरण लिखें। षष्ठी और सप्तमी विभक्ति के प्रयोग द्वारा मम मित्र विषय पर दस वाक्य लिखें।	संख्या के साथ वचन का ज्ञान कराना। अशुद्धिशोधन, का ज्ञान कराना। बौद्धि क्षमता का विकास कराना।
<b>फरवरी</b>	पुनरावृत्ति		

**Reference Book/ Web link:-**

[Sanskritlinks.blogspot.com](http://Sanskritlinks.blogspot.com)

[En.wikipedia.org/wiki/Sanskrit](http://En.wikipedia.org/wiki/Sanskrit)

[Sanskrit.inria.fr/portal.html](http://Sanskrit.inria.fr/portal.html)

[Sanskritdocuments.org/wiki/sanskrit](http://Sanskritdocuments.org/wiki/sanskrit)

# FRENCH

## UNIT NO.& CHAPTER

## GRAMMAR

## LEARNING OBJECTIVE

### APRIL

Lesson 0 Un coup d'oeil sur la France  
Lesson 1 Voilà le frère et la sœur de Manuel

Letter Accents and pronunciation <er> verb subjects Definite articles Human Body- Vocabulary

Learning about French culture and civilization  
Describe the human body.

Reference Book/Weblink: <http://www.slideshare.net/jessaloretta1/france-ppt-3550716>

### MAY

Lesson 2 A la cafeterie

Nouns(Singular /Plural) Masculine/feminine) <ir> verbs Indefinite articles

What to order at a Cafeteria

Reference Book/Weblink: [http://.digitaldialects.com/French\\_verbs.htm](http://.digitaldialects.com/French_verbs.htm)

### JULY

Lesson 3 Mon pays la France

Adjectives (Masculine/feminine)( Singular /Plural) countries and their nationalities

Talking about countries and their nationalities

Reference Book/Weblink: [www.byki.com/lists/french/common-adjectives.html](http://www.byki.com/lists/french/common-adjectives.html)

### AUGUST

Lesson 4 Les parents de Manuel

Lesson 5 C'est Noël

Negation <ger> verbs Professionnel <er> verbs exception negative(Continued)Expression with <faire

Giving or asking personal information  
Talking about the seasons  
Formation of sentences using verbs.

Reference Book/Weblink: [http://www.digitaldialects.com/French\\_verbs.htm](http://www.digitaldialects.com/French_verbs.htm)

### SEPTEMBER

Revision for SA1

Days of the week verb<aller><er>ending verbs

Talk about the days of the week 9 describe the family

Reference Book/Weblink : [http://www.digitaldialects.com/French\\_verbs\\_Conj\\_2\\_.htm](http://www.digitaldialects.com/French_verbs_Conj_2_.htm)

### OCTOBER

Lesson 6 Allons à l'école

Preposition articles Interrogation Irregular verb clothing (word number)

How to ask and respond to question

Reference Book/Weblink : [http://www.digitaldialects.com/French\\_verbs\\_Conj\\_2\\_.htm](http://www.digitaldialects.com/French_verbs_Conj_2_.htm)

UNIT NO.& CHAPTER	GRAMMAR	LEARNING OBJECTIVE
<b>NOVEMBER</b>		
Lesson 7 Dans un grand magasin	Contracted articles Interrogation Irregular verbs clothing (word number)	How to ask and respond to question
Reference Book/Weblink : <a href="http://www.digitaldialects.com/French_verbs.htm">http://www.digitaldialects.com/French_verbs.htm</a>		
<b>DECEMBER</b>		
Lesson 8 Les repas Lesson -9 Ma maisons	Particles articles <tir> verbs French meals ( work meaning) Possesive adjectives Word meaning	Asking and telling tastes and preference Describe a place asking question
Reference Book/Weblink : <a href="http://www.digitaldialects.com/French/Food.htm">http://www.digitaldialects.com/French/Food.htm</a>		
<b>JANUARY</b>		
Lesson 10 Une lettre de Rouen	Irregular verbs	How to write an informal letter Describe your city understanding French map
Reference Book/Weblink : <a href="http://www.digitaldialects.com/French_verbs_Conj_1.htm">http://www.digitaldialects.com/French_verbs Conj 1 htm.</a>		
<b>FABRUARY</b>		
<b>REVISION</b>		

# MATHS

**UNIT NO. & LESSON**

**KEY CONCEPT /VALUE POINT**

**LEARNING OBJECTIVE**

## APRIL

Ch-1 Integers

Properties of addition and subtraction Integers. Properties of multiplication and division of integers. Integers on Number line

Perform four mathematical operation involving Integers. Add and subtract integers using number line.

Ch-7 Fractions

Fractions on number line. Types of fractions. Proper, Improper, and mixed fractions. Equivalent fractions Simplest form of fractions. Like and unlike fractions.

Understand the concept of fractions, both as a part of whole and as a part of group. Classify it into its different types.

**Reference Book/web link:** [www.mathplayground.com/ASB\\_OrbitIntegers.html](http://www.mathplayground.com/ASB_OrbitIntegers.html)

## MAY

Ch-9 Rational Numbers

Rational numbers. Positive and negative rational numbers. Rational numbers on number line. Comparison of rational numbers.

Understand the need of rational numbers. Representation and compare of rational numbers on number line.

**Reference Book/web link:** <http://schools.aglasem.com/5410>

## JULY

Ch-5 Comparing Quantities

Equivalent Ratio. Percentage-. Another way of comparing quantities. Converting decimal to percentage. Charge given on borrowed money or simple Interest.

Compare quantities using ratio, percentage. Profit and loss. Solve problems related to daily life situations. Calculate simple interest, rate and time period.

Ch-2 Fraction and Decimals

Addition and Subtraction of fraction. Multiplication of fractions by whole numbers and by fractions. Division of a fraction by a whole numbers and by a fraction. multiplication of decimal numbers.

Understand the concept of fractions and arrange them in ascending or descending orders. Add, subtract, multiply and divide the fractions. Convert fraction into mixed form and vice versa.

Exponents and powers

Exponents. Laws of Exponents. Decimal number systems. Expressing large numbers in the standard form.

Understand the laws of exponents to simply problems. Write numbers in scientific notations

UNITNO. & LESSON	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
<b>AUGUST</b>		
Lines and Angles.	Supplementary angles. Adjacent angles. Vertically opposite angles. Corresponding angles. Pairs of lines. Transversal of parallel lines. Checking for parallel lines.	Understand the concept of lines and intersecting lines. Recognize angles made by transversal on two lines. Identify whether the lines are parallel or not.
Ch-4 Simple equations	Setting up of an equation. Solving an equation. Application of simple equation to practical situation. Standard form.	Set up an equation for given statement and vice-versa. Apply simple equation to solve daily life situation.
<b>Reference Book/web link: <a href="http://www.learnhive.net/learn/cbse-grade-7/.../basic-geometrical-concepts">www.learnhive.net/learn/cbse-grade-7/.../basic-geometrical-concepts</a></b>		
<b>SEPTEMBER</b>		
<b>REVISION</b>		
<b>OCTOBER</b>		
Ch-6 The triangles and its properties.  Congruence of Triangles	Median of a triangle. Altitudes of a triangle. Exterior angles of a triangle and its property. Angle sum property of a triangle. Equilateral and isosceles triangles. Criteria for congruence of triangles. SSS congruence criterion and ASA, SAS, & RHS congruence criterion.	Apply exterior angle theorem. To apply properties of isosceles triangle to find angles of a triangle. Find angle of a triangle when two angles are given. To apply Pythagoras Identity. Identify congruence figures. Understand 4 different criteria for congruence of triangles. Identify the corresponding parts of congruence triangles.
<b>Reference Book/web link: <a href="http://www.learnhive.net/learn/cbse-grade-.../basic-geometrical-concepts">www.learnhive.net/learn/cbse-grade-.../basic-geometrical-concepts</a></b>		
<b>NOVEMBER</b>		
Algebraic expression  Ch-15 Visualizing solid shapes	Term of expression. Monomial. Binomial. Trinomial and polynomial. Addition and subtraction of an algebraic expression.  Face. Edges and Vertices. Net for building 3-D shapes. Drawing solid on a flat surface.	Identify co-efficient and constant terms. Powers and factors. Choose Like and unlike terms. Able to add and subtract algebraic expressions.  Identify dimensions of an object, faces, vertices and edges. Draw 3-D figures.
<b>Reference Book/web link: <a href="http://schools.aglasem.com/8389">schools.aglasem.com/8389</a></b>		

UNITNO. & LESSON	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
<b>DECEMBER</b>		
Ch-11 Perimeter and Area.	Part and perimeter of - Rectangles. Squares. Triangles. Area of Rectangle. Area of Parallelogram. Area of Square. Area of Triangle. Circumference of Circle. Area of Circle. Application.	Understand the concept of perimeter and area. Calculate the area and perimeter of given plane figure. Calculate the circumference and area of circle. Calculate the area of path inside and outside of a rectangle.
<b>Reference Book/web link: <a href="http://www.learnhive.net/learn/cbse-grade-7/.../basic-geometrical-concepts">www.learnhive.net/learn/cbse-grade-7/.../basic-geometrical-concepts</a></b>		
<b>JANUARY</b>		
Data Handling  Ch-10 Practical geometry.	Collecting the data. Organization of data. Arithmetic mean. Range. Bar Graph. Probability.  Construction of a line parallel to a given line through a point not on the line. Construction of triangles. SSS. SAS. ASA. and RHS	Find the measures of central tendency. Draw and use of bar graph. Understand the concept of probability.  Construct parallel and perpendicular lines. Construct angles and triangles using ruler and compasses.
<b>Reference Book/web link: <a href="http://www.topperlearning.com/.../class-6/.../data-handling/.../b101c5s3e9">www.topperlearning.com/.../class-6/.../data-handling/.../b101c5s3e9</a></b>		
<b>FEBRUARY</b>		
Symmetry	Lines of symmetry for regular polygon. Rational symmetry and rotational symmetry.	Identify symmetry in nature. Understand the concept of rational and rotational symmetry.
<b>Reference Book/web link: <a href="http://www.learnhive.net/learn/cbse-grade-7/mathematics/symmetry">www.learnhive.net/learn/cbse-grade-7/mathematics/symmetry</a> <a href="http://www.freencertsolutions.com/symmetry-ncert-solutions-cbse-class-7-math-questions">www.freencertsolutions.com/symmetry-ncert-solutions-cbse-class-7-math-questions</a></b>		

# SCIENCE

## CHAPTER & KEY CONCEPT

## ACTIVITY

## LEARNING OBJECTIVE

### APRIL

<p>Chapter-1 <b>Nutrition in plants</b> Mode of nutrition Autotrophic, Hetrotrophic &amp; Saprotrophic</p> <p>Chapter-3 <b>Animal fibre</b> Types of fibres</p>	<p>To demonstrate that leaves store food in the form of starch. Culture the bread mould on a bread slice.</p> <p>Collection of different samples of woollen and silk cloth. Distinguish fibre</p>	<p>Name and define different modes of nutrition with examples. Explain the replenishment of nutrients in plants.</p> <p>Differentiate between natural and synthetic fibre.</p>
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**Reference Book/web link:** <http://www.tutorvista.com/content/biology-ii/nutrition/parasitic-types.php>

### MAY

<p>Chapter-8 <b>Weather, climate and Animals Adaptations</b> Climate and adaptation</p>	<p>Visit to local metrological department office. Ways and techniques adapted by them to collect data adapted by them to collect data regarding weather and also how forecasting is done.</p>	<p>Define weather and climate List the factors determining the climate of a place Write few adaptations of plants and animals to different climates</p>
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**Reference Book/web link:** - <http://kids.mongabay.com/elementary/005.html>

### JULY

<p>Chapter-9 <b>Soil- A natural resource</b> Formation, profile, types, properties, soil and crops</p> <p>Chapter-2 <b>Nutrition in animals</b> Different ways of taking food, Feeding and digestion in Amoeba.</p> <p>Chapter-13 <b>Time and Motion</b> Standard units, measurement of time, uniform and non-uniform time, distance time graph</p>	<p>Use of soil solution to study its different components and Profile. To study percolation rate</p> <p>Effect of saliva on starch . Permanent slide of Amoeba.</p> <p>Distance-time graph</p> <p>To make your own sand clock.</p>	<p>List the components of soil and their importance Draw diagram showing layers of soil.</p> <p>State the various processes involved in nutrition in animals. Name organs of human digestive system and function of each of them.</p> <p>Write standard unit of distance, time, weight and temperature Explain the principle of simple pendulum Define speed</p>
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**Reference Book/web link:** <http://digestive.niddk.nih.gov/ddiseases/pubs/yrdd>  
<http://en.wikipedia.org/wiki/Clock>

UNITNO. & LESSON	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
<b>AUGUST</b>		
Chapter-5 <b>Matter and Chemical formulae</b> Elements and compounds, Mixtures Symbols and Formulae, Atomicity  Chapter-10 <b>Respiration in Organisms</b> Respiration in plants and animals Chapter-17 <b>Water-A Life giving liquid</b> Renewable and non-Renewable source of water, Ground water, Conservation of resources"	Identification of elements, compounds and mixtures.  Table of common element and their symbols  Demonstration of breathing process (inhalation/exhalation) exhausted air has more CO <sub>2</sub>  Experiments to show changes in three states of water	Define and differentiate elements, compounds and mixtures on the basis of their properties Understanding the method of writing chemical formula  Define respiration Draw labelled diagram of respiratory system Define and differentiate between aerobic And anaerobic respiration Define the processes involved in changing the states of matter Draw labelled diagram of water cycle
<b>Reference Book/web link: <a href="http://www.chemicalformation.org/chemistry-help/writing-chemical-formation">http://www.chemicalformation.org/chemistry-help/writing-chemical-formation</a></b>		
<b>SEPTEMBER</b>		
Revision SA-1 (Summative Assessment -1Exam)  Chapter-4 <b>Heat and Temperature</b> Expansion in solids, liquids and gases, Measure temperature, Laboratory and clinical thermometer	Study flow of heat. To study water and air as a poor conductor of heat. Experiment to show that 'hot and cold' are relative terms To study transfer of heat by convection.	List and explain effects of heat Conversion from one scale to another Range of temperature given in laboratory and clinical thermometer
<b>Reference Book/web link: <a href="http://okfirst.mesonet.org/train/meterology/HeatTransfer.html">http://okfirst.mesonet.org/train/meterology/HeatTransfer.html</a></b>		
<b>OCTOBER</b>		
Chapter-18 <b>Forests &amp; their Conservation</b> Producer, consumer and decomposers. Food chain and food web, Chapter-6 <b>Acids, Bases and salts</b> Properties of acids and bases Preparation and uses of salts, Introduction of chemical formulae of common acids and bases	Listings the products we get from forests  Effects of acids and bases on litmus paper. To study the effect of turmeric solution. To study neutralization reaction	Explain the importance of forests Draw food chain and food web List the ways of forest conservation  List the properties of acids, bases and salts Name common acids, bases and salts
<b>Reference Book/web link: <a href="http://www.wild-indea.com/Habitates/forest.html">http://www.wild-indea.com/Habitates/forest.html</a></b>		

UNIT NO. & LESSON	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
<b>NOVEMBER</b>		
Chapter-14 <b>Wind and Storm</b> Natural disaster, Air pressure Wind currents, thunderstorms, cyclones Chapter-7 <b>Physical and chemical changes</b> Characteristics of chemical changes, types of chemical reaction	Demonstrate pressure reduces when air moves with high speed  To study chemical changes occurring in the kitchen. Burning of magnesium ribbon and candle.	Define natural calamity, air pressure Explain how air pressure causes wind Define thunderstorm, cyclone and precautions to be taken  Analysing simple chemical changes: rusting of Iron Method of crystalization
<b>Reference Book/web link: <a href="http://www.seafriends.org.nz/oceano/storms.htm">http://www.seafriends.org.nz/oceano/storms.htm</a></b>		
<b>DECEMBER</b>		
Chapter-12 <b>Reproduction in plants</b> Asexual reproduction in plants, vegetative reproduction Sexual reproduction, fertilization Chapter-15 <b>Light and Associated Phenomena</b> Propagation and reflection of light, Real and virtual images Spherical mirrors Chapter-11 <b>Transportation and Excretion</b> Transportation in plants Transportation in animals	To study chemical changes occurring in the kitchen. Burning of Magnesium ribbon and candle To dissect a flower.  Demonstrate that the light travels in a straight line  Demonstration of transpiration. Demonstration of transportation of water from roots to leaves using Balsam plant.	Differentiate between sexual and asexual reproduction Write advantages of asexual and sexual reproduction  Define rectilinear propagation of light, lateral inversion Differentiate between real and virtual image  Write the composition of blood Explain the structure of heart Differentiate between arteries and veins Draw labelled diagram of human urinary system and nephron
<b>Reference Book/web link: <a href="http://en.wikipedia.org/wiki/Reflection_(physics)">http://en.wikipedia.org/wiki/Reflection_(physics)</a></b>		
<b>JANUARY</b>		
Chapter-16 <b>Electric current and Simple Circuits</b> Components of circuit, potential difference Chapter-19 <b>Management of Waste water</b> Importance of drainage and sanitation, the sewage system	To make a simple circuit, Electromagnet  To make a chart on The waste water Treatment plant	Define electric current Draw electric circuit Explain the application of heating, lighting and magnetic effect of current  List the sources of wastewater Explain the functioning of wastewater treatment plant
<b>Reference Book/web link: <a href="http://interestingenergyfacts.blogspot.com/2010/05/energy-efficiency-facts.html">http://interestingenergyfacts.blogspot.com/2010/05/energy-efficiency-facts.html</a></b>		
<b>FEBURARY</b>		
<b>REVISION</b>		

## SOCIAL SCIENCE

UNITNO. & LESSON	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
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### APRIL

Ch-1 India in the medieval period  <b>(HISTORY)</b>	History of the period sources Emergence of new groups, Kingdoms	Familiarise with the changing names of the land Discuss broad historical change
Ch-1 Democracy & Equality <b>(CIVICS)</b>	Universal Adult Franchise Steps Taken to ensure Equality	Develop an understanding of the rule of law Develop the ability to distinguish between different systems of power
Ch-1 Our Environment  Ch-2 The structure of the Earth <b>(GEOGRAPHY)</b>	Meaning and components natural & human environment Domains of the earth Structure of the earth, rocks& minerals, rock cycle & its uses	To Understand the environment in totality  To explain the components of natural environment

**Reference Book/web link: : [http://www.castles.org/kids\\_section/castle](http://www.castles.org/kids_section/castle)  
<http://www.youtube.com/watch>**

### MAY

Ch-2 Emergence of new kingdoms <b>(HISTORY)</b>	Strategic importance of Kanauj Turkish Invaders & the cholas	Develop an understanding of the connections political & economic process
Ch-2 Institution of democracy <b>(CIVICS)</b>	Elections type of political parties & coalition govt	Appreciate the values of democracy. Understand the vision & values of the constitution
Ch-3 The interior of the Earth <b>(GEOGRAPHY)</b>	Lithospheric plates, Volcanoes & its types & Earthquake	Appreciate the interdependence of the components of earth

**Reference Book/web link:[http://www.castles.org/kids\\_section/castle](http://www.castles.org/kids_section/castle)  
<http://www.youtube.com/watch>  
[http://www.lotussculpture.com/bronze\\_sculpture](http://www.lotussculpture.com/bronze_sculpture)  
<http://green.nationalgeographic.com>**

UNIT NO. & LESSON	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
<b>JULY</b>		
Ch-3 The sultans of delhi <b>(HISTORY)</b>	.Dynasties of the delhi sultanate .Reason for its decline	Outline the development of the political institution
Ch-4 The Mughal Empire <b>(HISTORY)</b>	Mughal rulers Administrative & religious policies	Trace the political history of the 16 <sup>th</sup> & 17 <sup>th</sup> centuries.
Ch-3 State Government <b>(CIVICS)</b>	Three levels & organs of the government Legislative assembly & council	Understand the organs of govt. and their functions
Ch-4 Landforms of the earth	Types of forces of earth Degradation &	Understand the major landforms of the earth & its importance
Ch-5 Composition & structure of the Earth <b>(GEOGRAPHY)</b>	Aggradations, Weathering & Erosion Composition & structure of the atmosphere & its importance	To understand about atmosphere & its element
<b>Reference Book/web link: <a href="http://www.youtube.com/watch">http://www.youtube.com/watch</a></b>		
<b>AUGUST</b>		
Ch-5 Architecture under the delhi sultanate <b>(HISTORY)</b>	Varieties of monumental architecture Important feature of regional impact	Covey a sense of range of materials, skills & style Understand the engineering & construction skills for building works
Ch-4 Working on the state government	Welfare function of the state government Function of health services	Gain a critical sense of the politics underlying the provision of services. Understand that gender is a social construct
Ch-5 Gender & gender equality <b>(CIVICS)</b>	Gender discrimination steps taken to ensure gender equality	To understand the formation of winds & cyclone
Ch-6 Elements of weather & climate <b>(GEOGRAPHY)</b>	Atmosphere, temperature, types of winds	
<b>Reference Book/web link: <a href="http://www.lotussculpture.com/bronze_sculpture">http://www.lotussculpture.com/bronze_sculpture</a></b>		
<b>SEPTEMBER</b>		
<b>REVISION</b>		
<b>OCTOBER</b>		
Ch-6 A woman's world <b>(CIVICS)</b>	Stereotype regarding Jobs Reasons for inequality Women's movement.	learn to interrogate gender constructions in different social & economic contexts. To sanitize students about fresh water and its conservation
Ch- 7Distribution of major water Bodies <b>(GEOGRAPHY)</b>	Water cycle, Major water bodies Importance of oceans	
<b>Reference Book/web link:<a href="http://www.castles.org/kids_section/castle">http://www.castles.org/kids_section/castle</a> <a href="http://www.youtube.com/watch">http://www.youtube.com/watch</a> <a href="http://green.nationalgeographic.com">http://green.nationalgeographic.com</a></b>		

UNITNO. & LESSON	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
<b>OCTOBER</b>		
Ch-6 Towns, traders & craftsmen  Ch-7 Social change in medieval period  <b>(HISTORY)</b>  Ch-7 Understanding Media    Ch-8 Media & advertising  <b>(CIVICS)</b>	Different type of urban centres Importance of trade & trading centres  Tribes & the livelihood .Change in cast structure  .Media & its various types .Responsibilities & role of media  Advertising brand, advertisement & social values, advertising & democracy	Demonstrate the difference between founded towns & those that grow as result of trade  Understand political development in specific regions Gain a critical sense of the impact of medias on people lives & choices  Understand the role of media in facilitating  Convey an idea of long term social change & movements of people in the subcontinent . Appreciate the significance of people movement in gaining this rights

**Reference Book/web link:**  
<http://kids.asiasociety.org/stories/king-stands>  
[www.kidsgeo.com/geography.../0046-layers-of-the-atmosphere.php](http://www.kidsgeo.com/geography.../0046-layers-of-the-atmosphere.php)

<b>NOVEMBER</b>		
Ch-8 Religious ideas in medieval period  <b>(HISTORY)</b>  Ch-9 Market around us  <b>(CIVICS)</b>  Ch-8 Ocean Waters & circulations  Ch-9 Natural Vegetation & wildlife  <b>(GEOGRAPHY)</b>	The Bhakti tradition The Sufi Tradition  Market & its importance, benefits  Waves Asian tsunami of 2004, tides & its importance & the effects of ocean currents Types of market & diff between buyers & sellers Forest & its types .Grassland Vegetation & wildlife	Indicate the major religious ideas & practices that began during this period  Understand markets & their relation to everyday life Understand markets & their function  To appreciate and develop the sensitivity towards environments Appreciate the need for conserving natural vegetation & wildlife

Reference Book/web link: <http://prabhu.50g.com/earliest/punchmrk.html>

UNITNO. & LESSON	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
<b>DECEMBER</b>		
Ch-9 Regional Cultures <b>(HISTORY)</b>  Ch-10 Rise of Autonomous State  Ch-10 Markets & intermediaries <b>(CIVICS)</b>  Ch-10 Human Environment <b>(GEOGRAPHY)</b>	Growth of regional culture. style of literature, painting ,language etc  Crisis in the mughal empire Emergence of regional kingdom Marathas  Putting out system, cooperative markets & equality Rural & urban settlement Means of transportation & communication	Provide a sense of the development of regional cultures, forms  Delineate developments related to the Sikhs , Rajputs  Understand how the Marathas expanded their area of control Gain a sense of inequality in market operation To explain the relationship between natural environment & human habitation
<b>Reference Book/web link:</b> <a href="http://www.inentrance.com/general knowledge/history">www.inentrance.com/general knowledge/history</a> <a href="http://en.wikipedia.org/wiki/geography_ofindia">http://en.wikipedia.org/wiki/geography_ofindia</a> <a href="http://en.wikipedia.org/wiki/Geography_of_India">http://en.wikipedia.org/wiki/Geography_of_India</a>		
<b>JANUARY</b>		
Ch-11 Striving for equality <b>(CIVICS)</b>  Ch-11 Life in desert region Sahara & Ladakh  Ch-12 Life in tropical & subtropical region  Ch-13 Life in temperate region <b>(GEOGRAPHY)</b>	Struggle for equality TMS constitution on equality  Hot & cold desert Sahara desert, Ladakh & natural environment  Location of tropical & sub tropical region  Location of temperate region prairies & veld	Understand the importance of the idea of equality & democracy  To understand the complex interrelationship of human & desert  To compare life in one's own surrounding with the life of other environmental setting  To appreciate the cultural differences existing in the world which is the outcome of interaction between human beings & their environment
<b>Reference Book/web link:</b> <a href="http://www.indianchild.com/villages_of_india.htm">http://www.indianchild.com/villages_of_india.htm</a> <a href="http://www.urbanindia.nic.in/">http://www.urbanindia.nic.in/</a>		
<b>FEBRUARY</b>		
<b>REVISION</b>		

# COMPUTER

UNITNO. & LESSON	PRACTICAL	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
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## APRIL

<b>Ch-1 More on Computer Peripherals</b> <b>Ch-2 More features of MS Word</b>	Collect Pictures of Input & Output devices. Create a paragraph and search for errors in spelling.	Input/output Devices Primary &Secondary Memory  AutoCorrect AutoText AutoComplete Symbols	Learn to define Input/output Devices and Memory Learn to use more MS Word features
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Reference Book/web link: [http://en.wikipedia.org/wiki/operating\\_System](http://en.wikipedia.org/wiki/operating_System)

## MAY

<b>Ch-3 Microsoft Excel</b>	Starting and Saving excel documents	Starting and Saving excel documents Data Types Entering Data	Learn to work on MS Excel worksheet
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Reference Book/web link: [WWW.exceltutorial.com](http://WWW.exceltutorial.com)

UNITNO. & LESSON	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
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## JULY

<b>Ch-4 Editing Cell Contents</b>	Inserting Row & Column. Deleting Row & Column. Editing data in Row & Column.	Edit Commands Inserting & Deleting Row , Columns	Using various MS Excel commands.
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Reference Book/web link: [WWW.exceltutorial.com](http://WWW.exceltutorial.com)

## AUGUST

<b>Ch-5 Formatting Data in MS Excel</b>	Exercise to apply Border in MS Excel sheet.	Formatting Number, Date, Time, Font ,Border	Using some more commands of MS Excel
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Reference Book/web link: [WWW.exceltutorial.com](http://WWW.exceltutorial.com)

## SEPTEMBER

<b>HTML</b>	Inserting image Creating Tables Linking to another Documents	Inserting Image Tables Linking, Font Face, BgImage	Learn to add image and table in web page
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Reference Book/web link: [WWW.exceltutorial.com](http://WWW.exceltutorial.com)

UNITNO. & LESSON	PRACTICAL	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
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## OCTOBER

<b>Ch-6 Formulas in MS Excel</b>	Exercise to calculate the total marks using formulas in MS Excel.	Text & Numeric Formulas AutoSum feature	Start using Formulas on MS Excel.
<b>Ch-7 Introduction to MS Power Point</b>	Making a PowerPoint Presentation on Earth Day and add animation.	Inserting Music & Sound Files Animation Slide Transition	Learn to add music and sound in a power point.

Reference Book/web link: [WWW.exceltutorial.com](http://WWW.exceltutorial.com)

## NOVEMBER

<b>Ch-8 Internet as a Post Office</b>	Sending a 'Thank You' card through Internet. Collecting information about Virus and Antivirus.	E-Mail( Creating G-Mail an Account	Learning interacting through Internet. Learn to define virus and antivirus
<b>Ch-9 Computer Viruses</b>		Virus & Anti-Virus Type of Computer Virus    Antivirus	

Reference Book/web link: [WWW.popera.com](http://WWW.popera.com), [WWW.pandasecurity.com](http://WWW.pandasecurity.com)

## DECEMBER

<b>Ch-10 Q Basic Looping Statements</b>	Writing QBASIC program	WHILE...WEND statement DO...LOOP FOR....NEXT	Learning more commands on QBASIC
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Reference Book/web link: [WWW.schoolfreeware.com](http://WWW.schoolfreeware.com)

## JANUARY-FEBRUARY

## PROJECT WORK

## G.K.

### CHAPTER

### LEARNING OBJECTIVE

## APRIL

### THE NATURAL WORLD

How animals adapt, Geo wonders, Forests quest, How plants adapt, Antarctic adventures, Living in harmony, Kingdom of the ocean, At a great risk

- Recall the name of the river, environmental disasters.
- Appreciate facts about our nature and plants.
- Gain a sense of nature wonder of the world

## MAY

### SCIENCE AND TECHNOLOGY

Health issues, The story of sailing, Pioneers of science, Branches of study, Science Quiz, The chemistry of it, IT queries, Unique universe, Inventions timeline

- Recall international system of units 'list healthy habits.
- Recall scientists and their work.
- List and name It acronyms &and inventions
- Learn about atoms and molecules.

## JULY

### THINGS AROUND ME

Environ threats, Tackling garbage, Eco crossword, Making recycles paper, Deadly disasters, Conserving water

- Ways in which water can be conserved
- List the ways in which the recycle paper can be used
- The after effects of disasters

## AUGUST

### NUMBER SKILL

Number Logic, Prickly puzzles

- Understand the number Logic
- How to solve puzzles

## SEPTEMBER

### REVISION

## OCTOBER

### LANGUAGE AND LITRATURE, LEGENDS AND MYTHS

Chills and thrills, The long and short of it, Eklavya's story, Language word search, Guess the words

- Identify the famous writers
- Guess the well-known International organizations
- Read the story
- Language word search

**CHAPTER****LEARNING OBJECTIVE****NOVEMBER****ART AND MUSIC**

Sculpture gallery, Curtains up!, At the movies, Celebrities who care

- **Appreciate Famous celebrities**
- **Appreciate world's dancing talent**

**DECEMBER****SPORTS**

Martial arts, Counting on courage, Playing hockey, Cricket Twenty 20, Game for pool, Sporting stars

- **Appreciate India Strategy, sporting families sprits and strategies**
- **Recall and name legends of Olympics**
- **Understand unique sports concept of video games**

**JANUARY****THE WORLD AROUND US**

Quizzing quotes, Culture curry, Royal retreat, People of India, The United Nations, Locating Landmarks, Nobel women, Lost cities, Famous trains, Guess the brand, Answering history

- **Name the famous castles and palaces of the world**
- **Name the brands**
- **Appreciate some varied and amazing railroad around the world**

## ART EDUCATION

CHAPTER & KEY CONCEPT	ACTIVITY	LEARNING OBJECTIVE
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### APRIL-MAY

Basic of art	Line types Line directions Shapes	*children sketching skills will improve. Able to catch the rite figure in forms.
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Reference Book/web link: [www.google.com](http://www.google.com)

### JULY-AUGUST

Rhythm & grace, action  Still life study Nature study Landscape	Drawings & paintings of natural objects drawings & paintings of Natural objects Natural scene making With water colors	Perspective objects observation improvement
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Reference Book/web link: [www.google.com](http://www.google.com)

## ART EDUCATION

### SEPTEMBER-OCTOBER

Body proportions Printing  Card designing Story board & poster Making Calligraphy Outdoor study	Full figure sketching T-shirt designing, & printing with other things Card designing on social topics Comics designing & posters on diff. Issues Writing	*creativity will improve.
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Reference Book/web link: [www.google.com](http://www.google.com)

### NOVEMBER - DECEMBER

Collage making Rangoli art Mehandi Texture designing Glass painting	3-d collage, and paper collage techniques Temporary rangoli & others Designs of mehndi on drawing sheets Skills to create different textures	Painting skills will improve.
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Reference Book/web link: [www.google.com](http://www.google.com)

### JANUARY-FEBRUARY

Artist history (legends that inspire) Revision & worksheet	Theory Worksheet to get assessment marks	They will get inspired from
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Reference Book/web link: [www.google.com](http://www.google.com)

## PHYSICAL EDUCATION PLANNER

<b>Week</b>	<b>Week-1</b>	<b>Week-2</b>	<b>Week-3</b>	<b>Week-4</b>
<b>APRIL</b>	<b>Level - 2</b> Mini Basketball Practice Introduction <b>Session - I</b> <b>Ball Handling/Body Management</b> <b>Intro Activity</b> Ball Control Skill Practice 1. RUNNING, CHANGING DIRECTION	<b>Session - II</b> 2. JUMP STOP/STRIDE STOP/PIVOT <b>Skill Development</b> <b>Dribbling</b> <b>Skill Related Fun Based Dribbling -</b> 1. Discovery Dribbling 2. Flash Fingers	<b>Session - II</b> <b>Skill Development</b> <b>Dribbling</b> <b>Skill Related Fun Based Dribbling</b> 1. Discovery Dribbling 2. Flash Fingers 3. Bongo Dribbling 4. Signal Dribbling	<b>Session - III</b> <b>Skill Development</b> <b>Passing/ Receiving</b> 1. RECEIVING/ DOUBLE - HANDED CHEST PASS 2. DOUBLE HANDED BOUNCE PASS
<b>MAY</b>	<b>Session - IV</b> <b>Skill Development</b> <b>Game - 3 V 3 Match Practice</b>	<b>PHYSICAL TEST</b> <b>Skill Assessment</b> KWS INTER HOUSE TUG OF WAR CHALLENGE <b>(Jr. +Sr.Girls&amp;Boys)</b>	<b>SUMMER BREAK START</b> <b>SUMMER CAMP Week -1<sup>st</sup></b>	<b>SUMMER CAMP</b> <b>Week- 2<sup>nd</sup></b>
<b>JUNE</b>	<b>SUMMER CAMP</b> <b>Week- 3<sup>rd</sup></b>	<b>SUMMER CAMP</b> <b>Week- 4<sup>th</sup></b>	<b>SUMMER BREAK</b>	<b>SUMMER BREAK OVER</b>
<b>JULY</b>	<b>Repeat Activity</b> <b>Session - I</b> <b>Session - II</b> <b>Modified Basketball Match Practice (Chair Ball) &amp; Team Selections</b> <b>Game - 3 V 3</b>	<b>Session - VII</b> <b>Defensive Positioning</b> <b>1 DEFENSIVE POS.</b> <b>2 MODIFIED BASKET BALLS MATCH(Chair Ball)</b>	Inter Class Mini Basketball Carnival <b>Round 1.</b> <b>Round 2.</b> KWS INTER HOUSE Swimming CHALLENGE <b>(Jr. +Sr. Girls &amp; Boys)</b> Qualifying Round's	Inter Class Mini Basketball Carnival <b>Round 3.</b> <b>Round 4.</b>
<b>AUGUST</b>	Inter Class Mini Basketball Carnival  Round 5. Round 6.	Cricket - Level 2 <b>Session- I</b> <b>Throwing &amp; Fielding Skill Development</b> <b>Catching - Under Arm, Over arm Throw&amp; Defensive Fielding</b> <b>Game Classic Catches</b>	Cricket -Level 2 <b>Session - II/III</b> <b>Throwing, &amp; Fielding</b> <b>Skill Development</b> <b>Throwing , Catching &amp; Batting Practice</b> KWS INTER HOUSE BADMINTON CHALLENGE <b>(Sr. Girls &amp; Boys)</b> Qualifying Round's	29 <sup>th</sup> Aug National Sports Day <b>National Sports Week</b> <b>Celebration Sports Exhibition</b> Inter Class Sports Quiz week KWS INTER HOUSE BADMINTON CHALLENGE <b>(Sr. Girls &amp; Boys)</b> Final Round's
<b>Week</b>	<b>Week-1</b>	<b>Week-2</b>	<b>Week-3</b>	<b>Week-4</b>
<b>OCT.</b>	SPORTS TALENT HUNT <b>(Sports Kids of the Year Award)</b> INTER CLASS CRICKET CRNIVAL <b>Round 1.</b> <b>Round 2.</b> KWS INTER HOUSE knock out Cricket CHALLENGE <b>(Sr. Girls &amp; Boys)</b>	INTER CLASS CRICKET CRNIVAL <b>Round 3.</b> <b>Round 4.</b> KWS INTER HOUSE Knock out cricket CHALLENGE <b>(Sr. Girls &amp; Boys)</b> Qualifying Round's	INTER CLASS CRICKET CRNIVAL <b>Round 5.</b> <b>Round 6.</b>	INTER CLASS CRICKET CRNIVAL <b>Round 7.</b> <b>Round 8.</b> KWS INTER HOUSE Knock out cricket CHALLENGE <b>(Sr. Girls &amp; Boys)</b> <u>Semi Final &amp; Final Round's</u>

<b>NOV.</b>	Sports Day Practice 1 <sup>st</sup> week	Sports Day Practice 2 <sup>nd</sup> week Cricket Mania <b>14 Nov Children's Day Students Vs Teacher's Cricket Match</b>	Sports Day Practice 3 <sup>rd</sup> week	Sports Day Practice 4 <sup>th</sup> week  <b>Annual Sports Day 29<sup>th</sup> Nov</b>
<b>DEC.</b>	ROO BALL <b>LEVEL 1 Session I Passing &amp; Controlling <u>Skill Development</u> Push Pass/Controlling the Ball <u>Game</u> "Defend a Target</b>	ROO BALL <b>LEVEL 1 Session II Dribbling <u>Skill Development</u> Push Pass Revision Dribbling <u>Game</u> Leader ball or 3 Vs 3 match practice</b>	ROO BALL <b>LEVEL 1Session III Controlling (Inside of Foot) <u>Skill Development</u> Dribbling Revision Game - Shuttle Dribble Controlling (Inside of foot) Game - Corner Spry <u>Game 3 Vs 3</u> KWS INTER HOUSE Soccer CHALLENGE (Sr. Girls &amp; Boys) Qualifying Round's</b>	ROO BALL <b>LEVEL 1 Session IV Controlling (Thigh/Chest) <u>Skill Development</u> Dribbling &amp; Controlling Revision Controlling (Thigh/Chest) <u>Game</u>3 Vs 3 or Rounder's KWS INTER HOUSE soccer CHALLENGE (Sr. Girls &amp; Boys) <b><u>Semi Final &amp; Final Round's</u></b></b>
<b>JAN.</b>	<b>WINTER BREAK</b>	<b>WINTER BREAK OVER</b>	INTER CLASS ROOBALL CARNIVAL <b>Round 1. Round 2.</b> KWS INTER HOUSE Biography of favorite sports	INTER CLASS ROOBALL CARNIVAL <b>Round 3. Round 4.</b>
<b>FEB.</b>	FINAL ASSESMENT KWS INTER HOUSE Collage making	Fun &Team Building Games	Fun &Team Building Games <b>*Assessment Report Submit*</b>	Fun &Team Building Games
<b>MARCH</b>	Fun &Team Building Games	Fun &Team Building Games		Session End

**1 P.E TEST**

**2 HOLIDAY'S**

**2. TRAINING CAMP**

**3. INTER HOUSE MATCHES**

**4. INTER CLASS MATCHES**

**5. PRACTICE SCHEDULE**

**6. SPECIAL SPORTS EVENTS /INTER SCHOOL TOURNAMENTS**