



# D. C. Model Sr. Sec. School

Sector-9, Faridabad

## CURRICULUM BOOKLET

2016-17

Class - 9

Name .....

Class ..... Sec. .... Roll No.....

Father's Name .....

Address .....

Mobile No. ....

**Subject :** English

**Prescribed Book :** New Pathways

MONTHS	SYLLABUS
APRIL	<p><b>Reading:</b> Unseen Passage (Poems, Factual Description) <b>Part-B:</b> Notice, Letter writing, Short story <b>Part-C:</b> Gap filling, sentence, Dialogue completion, Sentence re-ordering <b>Part-D:</b> L-1 How I taught my grandmother to read + Novel: L-1, 2 + Poem-1 (The Brook)</p>
MAY/JUNE	<p><b>Reading:</b> Unseen Passage (Poems, Factual, Discursive) <b>Part-B:</b> Diary Entry, Article, E-Mail <b>Part-C:</b> Editing, Omission, Active passive <b>Part-D:</b> L-2 Dog named Duke + Novel: L- 3, 4, 5 + Poem-2 (The Road not taken)</p> <p><b>FA-I (Syllabus) (13.5.2016)</b> Unseen Passage , Notice, letter writing, short story, gap fillings, sentence / dialogue completion, sentence re-ordering, Literature: L-1, Poem-1</p> <p><b>Activities:</b></p> <ol style="list-style-type: none"><li>1) Having read the story of fiction 1, discuss in group what kind of help do you render to the old man and elderly people?</li><li>2) Do a debate in the class on the importance of having pet animals. And what are the advantages of keeping them.</li><li>3) Discuss in group the life and works of the</li></ol>

	<p>great poet Alfred Lord Tennyson.</p> <p>4) Write all the difficult words from the poem and discuss after dictation in the class.</p> <p>5) The road not taken explains the vast reality. It contains in it discuss among the group the importance of choosing write path.</p>
<p>JULY</p>	<p><b>Reading:</b> Unseen Passage (Factual, Discursive, Poem)</p> <p><b>Part-B:</b> Speech, Debate, Report</p> <p><b>Part-C:</b> Reported Speech, News headlines, paragraph completion</p> <p><b>Part-D:</b> Literature Drama - villa for sale + poem-3, 4 + Novel: 6, 7, 8</p> <p><b>FA-II Syllabus (5.8.2016)</b></p> <p>Unseen passage, notice, letter writing, short story, gap filling, sentence / dialogue completion, sentence re-ordering, Literature L-1, 2, poem 1,2, novel L-1, 2, 3</p> <p><b>Activities:</b></p> <p>1) Imagine that you are the poet William Wordsworth. You continue or you talk and when you reach home you tell a friend what you saw and felt. Work in pairs then have a class discussion.</p> <p>2) Write about the romantic age and discuss in the class with the teachers and students how it was different from the real.</p> <p>3) In pairs, argue in favour of or against the topic 'Lord William's Daughter was right in her decision to defy her father.' Give logical and relevant reason and present your point of</p>

	<p>view to the class.</p> <p>4) Some students are just like 'Private Sketch.' Discuss with the group how you can show them their mistakes or teach them lesson to come on the right path.</p> <p>5) You are the professor. Write your life after your having transferred to the cookhouse and sell it front of the class.</p>
AUGUST	Revision of all four sections for SA-I + Novel: L-9, 10
SEPTEMBER	<p><b>Revision for SA-I (14.9.2016)</b>  <b>SA-I (Syllabus)</b>          Unseen passage, letter writing, short story, gap filling, sentence / dialogue completion, sentence re-ordering, Literature:L-1, 2, poem 1, 2, 3, 4, Novel : L-1 to 10, Drama: Dear Departed</p>
OCTOBER	<p><b>Reading:</b> Unseen Passage (Factual, Discursive, Poem)  <b>Part-B:</b> Notice, Letter writing, Notice, Short story  <b>Part-C:</b> Gap filling, sentence / Dialogue completion, Sentence re-ordering  <b>Part-D:</b> L-3 The man who knew too much, Poem: 5, 6 (Seven ages + Oh! I wish I had looked after my teeth) + Novel:L-11 to 15</p>
NOVEMBER	<p><b>Reading:</b> Unseen Passage (Factual, Discursive, Poem)  <b>Part-B:</b> Diary Entry, Article, E-Mail  <b>Part-C:</b> Editing, Omission, Active passive voice</p>

	<p><b>Part-D:</b> L-4 Keeping it from Harold, L-5 Best seller, Poem-7 Song of the rain, Drama: Bishop's candlestick, Novel:L-16, 17, 18, 19</p> <p><b>FA-III (Syllabus) (10 Nov, 2016)</b>  Unseen Passage, Notice, Letter writing, short story, gap filling, sentence / dialogue completion, sentence re-ordering, Literature: L-3, Poem: 5, 6, Novel:L-11</p> <p><b>Activities:</b></p> <ol style="list-style-type: none"> <li>1) Discuss in group about the existence of ghosts and spirits in the world.</li> <li>2) After studying the fiction 'Patol Babu', discuss among the class about the struggle the famous actor has to face to become the stars they are today.</li> <li>3) Make group of 8 students and discuss the life and age (era) in which P.B. Shelley wrote his famous poetry.</li> <li>4) After going through the life story of the ancient mariner, write your own story just on the same theme with the use of super-nature in it.</li> <li>5) Rotate the story of the against sailor with the other sailors and what happened to them. (Discussion for or against)</li> </ol>
DECEMBER	<p>Revision of all the four sections for mid term exam + Novel</p> <p><b>FA-IV (Syllabus) (23.12.2016)</b>  Unseen Passage, Notice, Letter writing, short</p>

	<p>story, gap filling, sentence / dialogue completion, sentence re-ordering, Literature: L-3, 4, Poem: 5, 6, 7, Novel: L-11 to 15</p> <p><b>Activities:</b></p> <p>1) Discuss in the class the life and work of Khalil Cribrem.</p> <p>2) A short discussion in the class over the importance of teeth.</p> <p>3) Role in the class the drama 'The Bishop's Candlesticks.'</p> <p>4) From the chapter mystery divided the groups and find out what could be the reason behind the mystery of Bermuda triangle.</p> <p>5) Do a debate in the class for and against to the topic 'Importance of latest gadgets for children.'</p>
JANUARY	Revision of all the four sections for SA-II
FEBRUARY	Revision of all the four sections for SA-II
MARCH	<p><b>SA-II Syllabus</b></p> <p>Unseen Passage, Notice, Letter writing, short story, gap filling, sentence / dialogue completion, sentence re-ordering, Literature: L-3, 4, 5, Poem: 5, 6, 7, Novel: L-11 to 19, Drama: Bishop's Candlesticks.</p>

**Holiday Homework:  
(Summer Vacations)**

- 1) Make a PPT of the novel 'Three men in a boat.'
- 2) Study the entire novel and write summary of chapter 1 - 10.
- 3) Write biographies of five famous writers of 20<sup>th</sup> century literature.
- 4) Solve two sample papers from BBC.

**Holiday Homework:  
(Winter Vacations)**

- 1) Write the summary of all chapters from novel.
- 2) Complete the grammar section from BBC.

विषय - हिन्दी

पुस्तक - क्षितिज-1 ( NCERT ), कृत्तिका-1 ( NCERT )

व्याकरण - प्रबोधक

मास	पाठ्यक्रम
अप्रैल	क्षितिज: पाठ 1, 2 ( गद्य ) काव्य: पाठ 1, 2 कृत्तिका: पाठ 1 व्याकरण: उपसर्ग, प्रत्यय, समास, पत्र, अपठित गद्यांश
मई/जून	क्षितिज: पाठ 3 ( गद्य ) काव्य: पाठ 3, 4 व्याकरण: समास, प्रतिवेदन, निबंध F.A.-1 (06.05.2016) पाठ्यक्रम: क्षितिज: पाठ 1 ( गद्य ) काव्य: पाठ 1, 2 कृत्तिका: पाठ 1 व्याकरण: उपसर्ग, प्रत्यय, समास, पत्र, रिपोर्ट, अपठित भाग
जुलाई	क्षितिज: पाठ 4 ( गद्य ) काव्य: पाठ 5 कृत्तिका: पाठ 2 व्याकरण: अंलकार, पत्र, प्रतिवेदन, अपठित भाग F.A.-2 (29.07.2016) पाठ्यक्रम: क्षितिज: पाठ 2, 3 ( गद्य ) काव्य: पाठ 3, 4 कृत्तिका: पाठ 2



	व्याकरण: अलंकार, वाक्य भेद, पत्र, प्रतिवेदन, अपठित भाग
अगस्त	क्षितिज: पाठ 5, 6 ( गद्य ) काव्य: पाठ 6, 7 कृत्तिका: पाठ 3 व्याकरण: वाक्य भेद, पत्र, प्रतिवेदन, निबंध, अपठित भाग
सितंबर	पुनरावृत्ति - पाठ्य पुस्तक व व्याकरण S.A. 1 (16.09.2016) पाठ्यक्रम: क्षितिज: पाठ 1, 2, 3, 4 काव्य: पाठ 1, 2, 3, 4, 5 पूरक: पाठ 1, 2 व्याकरण: उपसर्ग, प्रत्यय, समास, वाक्य भेद, अलंकार, पत्र, प्रतिवेदन, निबंध, अपठित भाग
अक्तूबर	क्षितिज: पाठ 7 ( गद्य ) काव्य: पाठ 8, 9 पूरक: पाठ 4
नवंबर	क्षितिज: पाठ 8 ( गद्य ) काव्य: पुनरावृत्ति पूरक: पाठ 5 व्याकरण: समास, अलंकार, प्रत्यय, निबंध, अपठित भाग, उपसर्ग F.A.-3 (4.11.2016) पाठ्यक्रम: क्षितिज: पाठ 5, 6

	<p>काव्य: पाठ 6, 7</p> <p>पूरक: पाठ 3</p> <p>व्याकरण: उपसर्ग, प्रत्यय, समास, अलंकार, पत्र, अपठित भाग</p>
दिसंबर	<p>पुनरावृत्ति</p> <p>F.A. 4 (16.12.2016) पाठ्यक्रम:</p> <p>क्षितिज: पाठ 6, 7, 8</p> <p>काव्य: पाठ 7, 8, 9</p> <p>पूरक: पाठ 4</p> <p>व्याकरण: समास, उपसर्ग, प्रत्यय, अलंकार, पत्र, प्रतिवेदन, निबंध, अपठित भाग</p>
जनवरी	<p>व्याकरण: पुनरावृत्ति + रचनात्मक भाग</p>
फरवरी	<p>व्याकरण: पुनरावृत्ति + पूरक</p>
मार्च	<p>S.A. 2 पाठ्यक्रम:</p> <p>क्षितिज: पाठ 5 से 8</p> <p>काव्य: पाठ 6 से 9</p> <p>पूरक: पाठ 3 से 5</p> <p>व्याकरण: SA-1 का पूरा पाठ्यक्रम</p>

रचनात्मक मूल्यांकन - विषय सामग्री  
(FA-1)

- 1) बाल मजदूरी की समस्या पर एक परियोजना तैयार करें। ( स्कैप बुक )
- 2) 1857 की क्रांतिकारियों के बारे में जानकारी एकत्र करके स्कैप बुक में लिखिए।
- 3) वाद-विवाद - व्यक्ति की पोशाक महत्वपूर्ण है अथवा उपलब्धि ( Record )
- 4) प्रार्थना गीत अथवा देशभक्ति कविताओं का प्रार्थना सभा में प्रस्तुतीकरण देना। ( चार अलग ग्रुप ) ( Recording )
- 5) 'ईश्वर से काल्पनिक बातचीत' का संवाद तैयार कर मंच पर प्रस्तुत करें।

(FA-2)

- 1) ईश्वर से काल्पनिक साक्षात्कार तैयार कर मंच पर प्रस्तुत करें।
- 2) प्रार्थना गीतों का संकलन तथा प्रस्तुतीकरण (ASL) मंच पर।
- 3) लड़कियों के प्रति भेदभाव हमारे देश और समाज की उन्नति में बाधक है। वाद-विवाद तैयार करें।
- 4) 1857 की क्रांति से जुड़े स्वतंत्रता सेनानियों का सचित्र संकलन तथा योगदान।
- 5) नाना साहब की पुत्री - पाठ का नाट्य रूप में मंचन प्रस्तुत करें।

(FA-3)

- 1) बाल श्रम पर एक नुक्कड़ नाटक का मंचन तैयार करके मंच पर प्रस्तुति दें।
- 2) चाय की दुकान पर काम करने वाले बाल मजदूर से भेंटवार्ता (Interview)
- 3) 'स्त्री शिक्षा' विषय पर नारा तैयार करें। (चाट पर)
- 4) किसी पशु अथवा पक्षी से बातचीत का संवाद लेखन करें।

(FA-4)

- 1) इंटरनेट की सहायता से सड़क दुर्घटनाओं में वृद्धि के कारणों पर पीपीटी तैयार करें।
- 2) लुप्त हो रहे पशु-पक्षियों तथा जानवरों से संबंधित जानकारी एकत्र कर स्क्रीप बुक तैयार करें।
- 3) देशभक्ति प्रद अथवा सामाजिक कुप्रथा पर कोई कविता कंठस्थ करें।
- 4) कार्यपत्रिका तैयार करें - पाठ्य पुस्तक अथवा व्याकरण पर आधारित।

ग्रीष्मावकाश गृहकार्य:

- 1) 1857 की क्रांति से जुड़े स्वतंत्रता सेनानियों का सचित्र संकलन तैयार करें। (स्कैप बुक)
- 2) 'ईश्वर से काल्पनिक साक्षात्कार' विषय पर संवाद लेखन तैयार करें।
- 3) प्रत्येक छात्र पाठ्य पुस्तक के किसी पाठ पर एक-एक कार्य पत्रिका तैयार करें।
- 4) अपने क्षेत्र के किसी सामाजिक कार्यकर्ता से भेंट करके उसके कार्य करने की प्रणाली लिखिए।
- 5) व्यर्थ घरेलु वस्तुओं का उपयोग करके पर्यावरण की रक्षा करने का उपाय खोजें।

शीतकालीन अवकाश हेतु गृहकार्य:

- 1) अखबारों की प्रमुख खबरों का संकलन करते हुए किन्हीं दो खबरों पर प्रतिवेदन तैयार करें।
- 2) SA-2 पाठ्यक्रम हिंदी पर एक-एक प्रश्न पत्र तैयार करें।
- 3) प्रत्येक छात्र 5-5 वर्ग पहली हल करके लाएगा।
- 4) हिंदी विषय पर एक प्रश्नोत्तरी का निर्माण करें।

विषय - संस्कृत

पुस्तक - मणिका भाग-1, मणिका संस्कृत व्याकरण-1

मास	पाठ्यक्रम
अप्रैल	पाठ 1 तत् त्वम् असि पाठ 2 अविवेकः परमापदां पदम पाठ 3 पाथेयम् व्याकरणः संस्कृत वर्णमाला, उच्चारण स्थान, संधि, शब्दरूप, अभ्यास कार्य पत्रिका: संस्कृत वर्णमाला, उच्चारण स्थान, संधि
मई/जून	पाठ 4 स्वस्थवृत्तम् व्याकरणः धातुरूप, अनुवाद कार्य F.A.-1 (6.5.2016) पाठ्यक्रमः पाठ 1, 2, 3, संस्कृत वर्णमाला, संधि, शब्दरूप क्रियाकलापः 1) श्लोक संचयन व कंठस्थीकरण 2) शब्दकोश निर्माण, स्क्रैप बुक निर्माण 3) स्व-परिचय
जुलाई	पाठ 5 भातृस्नेहस्तु दुर्लभः पाठ 6 विद्यया भान्ति सदगुणाः व्याकरणः उपपद विभक्ति, अभ्यास कार्य पत्रिका: पाठ 5, 6 F.A.-2 (29.7.2016) पाठ्यक्रमः

	<p>पाठ 4 से 6, उपपद विभक्ति, धातुरूप क्रियाकलाप:</p> <ol style="list-style-type: none"> <li>1) सूक्ति संचयन</li> <li>2) शब्दकोश निर्माण, स्क़ैप बुक निर्माण</li> <li>3) श्लोकंताक्षरी प्रतियोगिता</li> </ol>
अगस्त	<p>व्याकरण: अपठित गद्यांश, चित्र, पत्र, संधि, उपपद विभक्ति, प्रत्यय</p>
सितंबर	<p>पुनरावृत्ति + S.A.-1 (16.9.2016) पाठ्यक्रम:</p> <p>पाठ 1 से 6, अपठित गद्यांश, चित्र, पत्र, शब्दरूप, धातुरूप, संधि, उपपद विभक्ति, संस्कृत वर्णमाला, प्रत्यय</p>
अक्तूबर	<p>पाठ 7 तरवे नमोऽस्तु पाठ 8 कर्मणा माति संसिद्धम पाठ 9 विजयताम स्वदेशः</p> <p>व्याकरण: शब्दरूप, धातुरूप, संधि, पत्र अपठित गद्यांश, अभ्यास कार्य पत्रिका: शब्दरूप, धातुरूप, पत्र</p>
नवंबर	<p>पाठ-11 न धर्मवृद्धेषु वयः समीक्ष्यते पाठ 10 कोऽहं वदतु साम्प्रतम् पाठ 12 कवयामि वयामि यामि</p>

	<p>व्याकरण: उपपद विभक्ति, चित्र वर्णन</p> <p>FA-3 (4.11.2016)</p> <p>पाठ्यक्रम:</p> <p>पाठ 7 से 9, संधि, अपठित गद्यांश</p> <p>क्रियाकलाप:</p> <ol style="list-style-type: none"> <li>1) संस्कृत निबंध लेखन प्रतियोगिता</li> <li>2) शब्दकोश निर्माण, स्कैप बुक निर्माण</li> <li>3) श्लोक वाचन</li> </ol>
दिसंबर	<p>पाठ 13 भारतीय विज्ञानम्</p> <p>पाठ 14 भारतेनास्ति में जीवनम्-जीवनम्</p> <p>व्याकरण: शब्दरूप, धातु रूप, अभ्यास कार्य</p> <p>पत्रिका: अपठित गद्यांश, चित्र वर्णन, उपपद विभक्ति</p> <p>F.A.- 4 (16.12.2016)</p> <p>क्रियाकलाप:</p> <ol style="list-style-type: none"> <li>1) तिथि पत्र निर्माण</li> <li>2) शब्दकोश निर्माण, स्कैप बुक निर्माण</li> <li>3) संस्कृत समाचार संकलन व वाचन</li> </ol>
जनवरी	पुनरावृत्ति
फरवरी	पुनरावृत्ति
मार्च	<p>S.A. 2</p> <p>पाठ्यक्रम:</p> <p>पाठ 7 से 14, अपठित गद्यांश, चित्र, पत्र, संधि, वाच्य, शब्दरूप, धातुरूप, प्रत्यय</p>



ग्रीष्मावकाश कार्यः

पुस्तकः

पाठ 1 से 4 तक लिखकर याद कीजिए।

व्याकरणः

- 1) संस्कृत वर्णमाला, उच्चारण स्थान, संधि।
- 2) राजन्, आत्मन्, विद्वस व अकारांत, इकारांत और उकारांत शब्दरूप लिखकर याद करें।
- 3) भू, पठ्, लिख, हस, गम्, लभ्, सेव धातुरूप लिखकर याद करें।

क्रियाकलापः

- 1) श्रीमद्भगवद्गीता में से किन्हीं सात श्लोकों का हिंदी अर्थ सहित चार्ट बनाओ।
- 2) संस्कृत में एक लघुकथा याद कीजिए।

शरदीयावकाश कार्यः

व्याकरणः

उपपद विभक्ति, प्रत्यय, चित्र वर्णन, पत्र लेखन, अपठित गद्यांश, शब्दरूप तथा धातुरूप का अभ्यास

क्रियाकलापः

- 1) संस्कृत के महान कवियों तथा लेखकों की उनके ग्रंथों के साथ सूची बनाओ।
- 2) संस्कृत में कोई दो गीत याद कीजिए व लिखिए।

**Subject :** Mathematics

**Prescribed Book :** NCERT, Secondary Mathematics (P. K. Garg)

**Activity Book:** Comprehensive Maths. Manual

MONTHS	SYLLABUS
APRIL	<p>Unit-2 Polynomials Unit-3 Co-ordinate Geometry</p> <p>Activity-3 Interpret geometrically the factors of a quadratic expression of the type <math>ax^2+bx+c</math> (where <math>a = 1</math>) using square grids, strips and paper slips</p> <p>Activity-4 To verify the algebraic identity <math>(a+b)^2 = a^2+2ab+b^2</math></p> <p>Activity-6 To verify <math>a^2 - b^2 = (a+b) (a-b)</math></p> <p>Activity-10 To verify <math>a^3 + b^3 = (a+b) (a^2+b^2-ab)</math></p>
MAY	<p>Unit-1 Number System <b>FA-1 (16.5.2016)</b> <b>Syllabus:</b> Unit-2, 3</p> <p>Activity-1 To construct a square root spiral.</p> <p>Activity-2 To represent some irrational numbers on the number line.</p>
JULY	Unit-6 Lines and Angles

	<p>Unit-12 Heron's Formula</p> <p>Revision for FA-2</p> <p>Activity-12</p> <p>1) To verify experimentally that if two lines intersect, then</p> <p>a) Vertically opposite angles are equal.</p> <p>b) Sum of two adjacent angles is <math>180^\circ</math>.</p> <p>c) Sum of all four angles is <math>360^\circ</math>.</p> <p>Activity-13</p> <p>To verify the exterior angles property of a <math>\Delta</math> triangle.</p>
AUGUST	<p>Unit-7 Triangles</p> <p>Unit-5 Euclid's Geometry</p> <p>Activity-15</p> <p>To verify experimentally the different criteria for congruency of triangles using triangles cut outs.</p> <p><b>FA-2 (01.8.2016)</b></p> <p><b>Syllabus:</b></p> <p>Unit-1 Number System</p> <p>Unit 6 Lines and Angles</p>
SEPTEMBER	<p>Revision</p> <p><b>SA-1 (23.9.2016)</b></p> <p><b>Syllabus:</b> Unit-1, 2, 3, 5, 6, 7, 12</p>
OCTOBER	<p>Unit-4 Linear Equation in two variables.</p> <p>Unit-8 Quadrilaterals</p> <p>Activity-1</p>

	To verify experimentally that the sum of angles of a quadrilateral is $360^\circ$ .
NOVEMBER	<p>Unit-9 Area of parallelogram and triangles Unit-10 Circles</p> <p>Activity-6 To verify that the ratio of areas of a parallelogram and triangle on the same base and between same parallels is 2:1</p> <p>Activity-7 To verify that the angles subtended by an arc at the center of circle is double the angle it subtends at any point on the remaining part of the circle.</p> <p><b>FA-3 (7.11.2016)</b> <b>Syllabus:</b> Unit: 4 Linear Equations in two variables Unit: 8 Quadrilaterals</p>
DECEMBER	<p>Unit-11 Construction Unit-14 Statistics Unit-15 Probability</p> <p><b>FA-4 (19.12.2016)</b> <b>Syllabus:</b> Unit- 10 Circles Unit: 11Constructions Unit: 14 Statistics</p> <p>Activity-17 1) To find experimental probability of each outcome of a die when it is thrown a large numbers of time.</p>

JANUARY	Unit-13 Surface areas and volume Activity-12 To find the surface area of a right circular cylinder experimentally.
FEBRUARY	Revision for SA-II
MARCH	<b>S.A. - 2 (Final Exams)</b> <b>Syllabus:</b> Unit- 4, 8, 9, 10, 11, 13, 14, 15

### **Holidays Home Work (Summer Vacations)**

- 1) Do formative assessment test of Unit Number System and Polynomial in separate notebook.
- 2) Prepare a PPT on ancient and modern Indian mathematician and their contribution.
- 3) Make a chart on Lines and Angles. (Roll No. 1-15)
- 4) Make a chart on different criteria for congruency of triangles. (Roll No. 16-30)

### **(Winter Vacations)**

- 1) Make a chart on topic quadrilateral and its properties read in class IX. (Roll No. 1-15)
- 2) Make a model on a topic of surface area and volume covered in class IX.
- 3) Make a chart on history of numbers. (Roll No. 16-30)
- 4) Do formative assessment test II of Unit quadrilateral and area of parallelogram and formative assessment Test-1 of Unit Linear equation in two variables in a separate notebook.









	write a note on same.
JANUARY	<b>Revision for SA-II</b>
FEBRUARY	<b>Revision for SA-II</b>
MARCH	Revision <b>SA-2 (Final Exams)</b> <b>Syllabus:</b> <b>His:</b> L-4, 5, 6, 7, 8 <b>Geo:</b> L-4, 5, 6 <b>Demo:</b> L-4, 5, 6 <b>Eco:</b> L-3, 4

### **Summer Holidays Homework:**

- 1) Daily write news atleast 5 national, international, sports
- 2) Make a scrap book showing different natural disasters and also find preventive measures in place against those hazards.
- 3) Prepare a PPT on any of chapter done of geography.

### **Winter Holidays Homework:**

- 1) Find out what offences disqualify a voter from being eligible to contest elections.
- 2) Learn at least 20 current affairs.
- 3) Find out if there is any programme being implemented in your region related to NPP.
- 4) Make a list of rights that given in your opinion must be given to every student in school.

**Subject:** Science

**Prescribed Book:** NCERT

**Reference Book:** S. Chand Publication for Physics, Chemistry and Biology

Comprehensive science activity lab manual.

MONTHS	SYLLABUS
APRIL	<b>Phy:</b> L -6 Motion <b>Chem:</b> L-1 Matter in our surroundings <b>Bio :</b> L-3 The fundamental unit of life
MAY/JUNE	<b>Phy:</b> L-7 Force and law of motion <b>Chem:</b> L-2 Is matter around us pure <b>Bio:</b> L-4 Plant Tissues <b>FA-I (12.5.2016)</b> <b>Syllabus:</b> (L-1, 3, 6 + L-4 plant tissues)
JULY	<b>Phy:</b> L-7 Force and law of motion <b>Chem:</b> L-2 Is matter around us pure? <b>Bio: L-4</b> Animal Tissues Revision for FA-II  <b>Activities:</b> 1) To study the particle nature of matter. 2) To study the effect of temperature on the rate of diffusion. 3) To study the process of sublimation.
AUGUST	<b>Phy:</b> L-8 Gravitation <b>Chem:</b> L-9 Atoms and molecules <b>Bio:</b> L-5 Improvement in food resources  <b>Activities:</b>

	<p>1) To study the difference b/w true solution, Colloidal solution.</p> <p>2) To study properties shown by colloidal particles like Tyndall effect, Brownian movement and electrophoresis.</p>
SEPTEMBER	<p><b>Revision of SA-I (21.9.2016)</b></p> <p>Syllabus: (L-1 to 8)</p>
OCTOBER	<p><b>Phy:</b> L-14 Flootation L-15 Working and Energy</p> <p><b>Chem:</b> L-9 Atoms &amp; Molecules</p> <p><b>Bio:</b> L-11 Diversity in living organisms</p> <p><b>Activities :</b></p> <p>1) To verify the law of conservation of mass of a chemical reaction.</p> <p>2) To observe prepaid slides of every phylum.</p>
NOVEMBER	<p><b>Phy:</b> L-15 Work and energy</p> <p><b>Bio:</b> L-12 Why do we fall ill?</p> <p><b>Chem:</b> L-10 Structure of the atom</p> <p>Revision for <b>SA-III (10.11.2016)</b></p> <p>Syllabus: (L-9, 11, 14, 15)</p> <p><b>Activities:</b></p> <p>1) To study the structure of atom and its sub-atom particles.</p> <p>2) To study the Rutherford's and Bohr's atomic model.</p>
DECEMBER	<p><b>Phy:</b> L-15 Work and energy</p> <p><b>Chem:</b> L-10 Structure of the atom</p>

	<p><b>Bio:</b> L-13 Natural resources</p> <p><b>FA-IV (22.12.2016)</b>  <b>Syllabus: (L-10, 15, 12)</b></p> <p><b>Activities :</b></p> <ol style="list-style-type: none"> <li>1) Observe all the specimens.</li> <li>2) To verify the laws of reflection of sound.</li> <li>3) To determined the density of solid by using a spring balance and a measuring cylinder.</li> </ol>
JANUARY	<p><b>Phy:</b> L-16 Sound  <b>Chem:</b> Revision  <b>Bio:</b> Revision</p>
FEBRUARY	Revision
MARCH	Revision <b>SA-2 (Final Exams)</b>

## **Holidays Home Work**

### **(Summer Vacations)**

- 1) Paste types of food crops in a scrap book. (Bio)
- 2) Write all differences between of Ch-1 (Improvement & Food Resources), Ch-2 (Cell), Ch-3 (Tissues)
- 3) Graphically represent the motion. (phy)
- 4) Learn and write NCERT Questions of Ch-1, 2, 6 (Physics)

## **Holidays Home Work**

### **(Winter Vacations)**

- 1) Make pendulum clock model from waste.
- 2) Make working model on natural recourses.
- 3) Complete lab manuals.

**Subject:** Computer

**Book:** McMillan Education

<b>MONTHS</b>	<b>SYLLABUS</b>
APRIL	L-1 Computer Technology L-2 Computer software Practical: PPT on L-1, 2
MAY	<b>F.A. - 1 (10-05-2016)</b> <b>SYLLABUS :</b> L - 1 , 2 Project work, marks to be added in FA-1 activity
JULY	L-5 HTML L-6 Some more features in HTML Practical: HTML
AUGUST	L-8 Know more about writer L-4 Content technology <b>FA-2 (02.8.2016)</b> <b>Syllabus:</b> L-6, 5
SEPTEMBER	Revision of SA-1, Assignments <b>SA-1 (12.9.2016)</b> <b>Syllabus:</b> L-1, 2, 4, 6, 5 Practical: MS Word (full)
OCTOBER	L-3 Communication technology L-7 Boss: Linux
NOVEMBER	L-9 Presentation tool L-10 Spreadsheet tools

	L-12 Societal impacts of IT <b>FA-3 (4.11.2016)</b> <b>Syllabus:</b> L- 3, 7
DECEMBER	Practical: MS Excel <b>FA-4 (20.12.2016)</b> <b>Syllabus:</b> L- 3, 7, 9,10 Practical: Photoshop, Access
JANUARY	Practical: Scratch
FEBRUARY	Revision + Practical : Excel, Scratch
MARCH	<b>SA-2 (Final Exam)</b> <b>Syllabus:</b> L- 3, 9, 10, 12

### **Holiday Homework (Summer Vacations)**

- 1) Make a presentation of IPO.
- 2) Learn the work done in note book. (L-1, 2)

### **(Winter Vacations)**

- 1) Model of ATM machine
- 2) Learnt the work done in notebook (L-3, 7, 9, 10, 12)

