

SYLLABUS (2018-2019)

CLASS VIII

SUBJECT:ENGLISH

Term 1

April - May

MCB : Unit 1

Literature : THE GUEST HOUSE, A CHRISTMAS CAROL

Writing Skill: Informal Letter, Biography

Grammar : Phrases and clauses, Simple, Compound and Complex sentence.

Test 1 - Literature : THE GUEST HOUSE, A CHRISTMAS CAROL

MCB – Unit 1

Writing Skills: Informal Letter, Biography

Grammar : Phrases

July

MCB : Unit 2 and 3

Literature : Dusk, MILK FOR THE CAT

Writing Skills : Formal letter

Grammar : Modals , Tenses

August

Literature : THE NEW SCHOOLFELLOW, A BOND FOR LIFE

MCB : Unit 4

Writing Skills : Article, message

Grammar : Non – Finites

September

Grammar : Idiom and Proverbs

Writing skills : Story writing

Novel: Discussion of chapters 1 -15

Term 1 exam: MCB : unit 1-4

Literature: chapters 1-6

Grammar and Writing skills – All the topics covered in term 1.

Novel :chapters 1 -15

Term II

October

MCB : Unit 5

Literature : THE LOUSE AND THE MOSQUITO

Writing Skills : Notice

Grammar : Active and passive voice, Conjunctions and Adverbs.

November

MCB : Unit 6

Literature : THREE QUESTIONS, THE CAKET TEST

Grammar : Nouns, Adjectives and Adverbs.

Writing Skills : Formal Letter

Test III

MCB : Unit 5
Literature : THE LOUSE AND THE MOSQUITO, THREE QUESTIONS
Writing Skills : Notice
Grammar : Active and passive voice, Conjunctions .
From Term 1:
Literature : THE NEW SCHOOLFELLOW
Grammar : Modals , Tenses
Writing Skills : Article and Informal Letter

December

Literature : The CANE BOTTOM'D CHAIR
Grammar : Pronouns and Determiners
Writing Skills : Article, Speech

January

Literature : THE POOL, THE TROJAN WAR
Grammar : Reported Speech
Writing Skills : Debate

February

MCB : Unit 7
Grammar : Prepositions
Novel: Discussion of chapters 16 to 25

Term II

Literature: chapters 7 -12
MCB : Unit 5 to 7
Grammar : All the topics covered from October to February
Writing Skills: All the topics covered in Term I and II
From Term I
Literature – THE GUEST HOUSE, A CHRISTMAS CAROL
Grammar- Phrases and clauses, Modals , Tenses
Novel – chapters 16 to25

विषय — हिंदी [2018 - 2019]

अप्रैल - मई

वसंत - ध्वनि लाख की चूड़िया

भारत की खोज - परिचय अहमदनगर का किला — वाचन हेतु।

व्याकरण अविकारी शब्द भाषा लिपि बोली और व्याकरण व **शब्दविचार** विशेषण कविता — ध्वनि से अविकारी शब्द।

जुलाई

वसंत - बस की यात्रा दीवानों की हस्ती।

भारत की खोज - तलाश — वाचन हेतु।

व्याकरण - लिंग वचन कारक।

अगस्त

वसंत - चिट्टियों की अनूठी दुनिया भगवान के डाकिये क्या निराश हुआ जाए।

भारत की खोज - सिंधु घाटी की सभ्यता।

व्याकरण - शब्दविचार संधि पर्यायवाची शब्द **ह्रस्व**

सितंबर

वसंत - यह सबसे कठिन समय नहीं कबीर की साखिया **पहाड़** से ऊँचा आदमी।

भारत की खोज - युगों का दौर — वाचन हेतु।

व्याकरण - विराम चिह्न किया काल मुहावरे लोकोक्तियाँ **समरूपी** भिन्नार्थक शब्द अनुच्छेद पत्र।

प्लैडीड टैश्ट 1

वसंत - ध्वनि लाख की चूड़िया **बस** की यात्रा।

व्याकरण अविकारी शब्द भाषा लिपि बोली और व्याकरण व **शब्दविचार** विशेषण कविता—ध्वनि से

अलप अलप

वसंत - चिट्टियों की अनूठी दुनिया भगवान के डाकिये क्या निराश हुआ जाए यह सबसे कठिन समय नहीं

कबीर की साखिया **बस** की यात्रा **दीवानों** की हस्ती।

भारत की खोज — सिंधु घाटी की सभ्यता। **ग्रहग्रह**

व्याकरण - शब्दविचार संधि पर्यायवाची शब्द **ह्रस्व** विराम चिह्न किया काल मुहावरे **अभ्यास** कार्य **लोकोक्ति** **अभ्यास** कार्य **समरूपी** भिन्नार्थक शब्द **ह्रस्व** भाषा लिपि बोली और व्याकरण **लिंग** **वचन** **कारक** **अनुच्छेद** पत्र **चित्र** वर्णन **अपठित** गद्यांश तथा कवितांश।

अक्टूबर

वसंत - कामचोर जब सिनेमा ने बोलना सीखा।

भारत की खोज - युगों का दौर— वाचन हेतु।

व्याकरण - उपसर्ग - प्रत्यय।

नवंबर

वसंत - **सुदामाचरित** जहा **पहिया** है।

व्याकरण - वाक्यांश के लिए एक शब्द विलोम शब्द अनेकार्थी शब्द **अशुद्ध** वाक्यों का संशोधन।

दिसंबर

वसंत - अकबरी लोटा।

भारत की खोज - नयी समस्याएँ वाचन हेतु।

व्याकरण -समास अनुच्छेद पत्र।

जनवरी

वसंत - सूरदास के पद पानी की कहानी ।

भारत की खोज - अंतिम दौर - एक, अंतिम दौर - दो ।

व्याकरण - विज्ञापन लेखन ।

फरवरी -

वसंत - बाज और साँप टोपी ।

भारत की खोज - दो पृष्ठभूमियाँ - भारतीय तथा अंग्रेज़ी उपसंहार ।

व्याकरण - वाक्य - विचार ।

प्लैडीट टैश्ट 2

बसंत - कामचोर जब सिनेमा ने बोलना सीखा सुदामाचरित ह्यशु ।

व्याकरण - उपसर्ग - प्रत्यय वाक्यांश के लिए एक शब्द अभ्यास कार्य अशुद्ध वाक्यों का संशोधन । **पौणअळ
श्रुअं**

वसंत - सुदामचरित अकबरी लोटा सूरदास के पद, पानी की कहानी बाज और साँप टोपी भगवान के डाकिए
जहा पहिया है क्या निराश हुआ जाए त्राघ्र की चूड़िया

भारत की खोज - अंतिम दौर - एक, अंतिम दौर - दो

व्याकरण - वणविचार संधि समास, विलोम शब्द अभ्यास कार्य, विज्ञापन लेखन, वाक्य विचार, अविकारी
शब्द शब्दों के सूक्ष्म अर्थभेद पुनरावृत्ति उपसर्ग - प्रत्यय, मुहावरे लोकोक्ति - अभ्यास से अनुच्छेद, पत्र
अपठित गद्यांश तथा कवितांश ।

**विशेष निर्देश — यदि पूर्वनियोजित समयसारणी में कोई बदलाव होता तो कक्षा का
पूर्वनियोजित पाठ्यक्रम प्रभावित हो सकता है ।**

SUBJECT: MATHEMATICS

TERM I

APRIL-MAY

Lesson 1: Rational Numbers

Lesson 2: Linear Equations

JULY

Lesson 3: Understanding Quadrilaterals

Lesson 4: Practical Geometry

AUGUST

Lesson 5: Data Handling

Lesson 6: Squares and Square Roots

SEPTEMBER

Lesson 7: Cubes and Cube Roots

Lesson 16: Playing with Numbers

1st UNIT TEST: Lesson 1 & 2.

HALF YEARLY: Lesson 1 to 7 and Lesson 16.

TERM II

OCTOBER

Lesson 8: Comparing Quantities

Lesson 9: Algebraic Expressions and Identities

NOVEMBER

Lesson 10: Visualising Solid Shapes

DECEMBER

Lesson 11: Mensuration

Lesson 12: Exponents and Powers

JANUARY

Lesson 13: Direct and Inverse Proportion

Lesson 14: Factorisation

FEBRUARY

Lesson 15: Introduction to Graphs

2nd UNIT TEST: Lessons 4, 9 and 10.

FINAL EXAMS: Lessons 8 to 15, 4 and Lesson 16.

SUBJECT: SCIENCE AND TECHNOLOGY

TERM- I

APRIL- MAY	: -	Lesson1: Crop Production and Management Lesson 11: Force and Pressure Lesson 3: Synthetic Fibres and Plastics
JULY		Lesson 2: Microorganisms and viruses :- Friends and Foes Lesson 4: Materials : Metals and Non-Metals Lesson 12: Friction
AUGUST	: -	Lesson 6: Combustion and Flame Lesson 7: Conservation of Plants and Animals Lesson 15: Some Natural Phenomena

**ACTIVITY: - 1. Common human diseases caused by microbes in a tabular form.
2. G.O. on different types of forces.**

CYCLE TEST I SYLLABUS: - Lesson 1, 3 & 11.

HALF YEARLY SYLLABUS: Lesson 1 ,2,3,4,6,7,11,12 &15

TERM - II

OCTOBER	:	Lesson 8: Cell Structure and Function Lesson 5: Coal and Petroleum Lesson 13: Sound
NOVEMBER	:	Lesson 9: Reproduction in Animals Lesson 14: Chemical Effects of Electric Current Lesson 16: Light
DECEMBER - JANUARY	:	Lesson 10: Reaching the Age of Adolescence Lesson 17: Stars and the Solar System Lesson 18: Pollution of air and water

ACTIVITY :- Make a working model and give a presentation on the given topic ;

1. Fire extinguisher
2. Electromagnet
3. Conduction of electricity through liquid conductors.
4. Electroscopes
5. Electroplating

CYCLE TEST II SYLLABUS: Lesson 8,13 & 14.

FINAL EXAM SYLLABUS: Lesson 1, 2,4,5,8,9,10,11,13,14,,16,17 & 18

SUBJECT: SOCIAL SCIENCE

TERM -I

April – May L-1. The Modern Period,(Note: Some portion of this chapter is exempted & will be inform in the class)

L-2. The Expansion of British Power

L-1. The Constitution and need for Laws

L-1. Resources, L-2 Natural Resources-Land Soil and Water.

July L-3 Life in Rural Areas, L-6. The Great Uprising.

L-2 Ideals of Our Constitution, L-3. The Parliamentary System.

L-3 Natural Resources-Natural Vegetation and Wildlife.

August L-8 Reforms in Indian Society.

L-4. The Judiciary

L-4 Mineral and Power Resources. L-5 Agriculture

September Revision

Project : Topic will be from social & political Life & Geography

Periodic Test 1: L1 The Modern Period & L-2 The Expansion of British Power.

L-1. Resources, L-1. The Constitution and need for Laws.

Half Yearly Exam:

History L-2. The Expansion of British Power. L-3 Life in Rural Areas, L-6. The Great Uprising. L-8 Reforms in Indian Society.

Geography- L-1. Resources, L-2 Natural Resources-Land Soil and Water. L-3 Natural Resources- Natural Vegetation and Wildlife. L-4 Mineral and Power Resources. L-5 Agriculture

Social and Political Life- L-1. The Constitution and need for Laws L-2 Ideals of Our Constitution, L-3. The Parliamentary System L-4. The Judiciary

TERM-II

October L-7 Education and British Rule

L-5. The Police and the Court. L-6 Major Crops and Agricultural Development.

November L-11 The National Movement: First Phase L-6. Marginalisation and Social Justice.

L-7 Manufacturing Industries.

December L-12. The National Movement: Second Phase L-7. Untouchability –A social evil.

L-8 Industries –Comparative Studies.

January L-13. India after Independence, L-8 Government and the Development.

L-9 Human Resources

February L-10 Disaster Management and Revision

Project: Colonialism and Urban Changes

Periodic Test II: L-7 Education and British Rule L-6 Major Crops and Agricultural Development L-5. The Police and the Court.

Final Exam Syllabus: Whole Syllabus

SUBJECT:SANSKRIT

APRIL , MAY-CHAPTER 1, 2 , 3

JULY – CHAP . – 4 , 5 , WITH GRAMMAR PORTION

AUGUST - CHAP 6 , 7, SHABD RUPA , DHATU RUPA ,.

SEP. CHAP. –8 , WITH GRAMMAR.

PERIODIC TEST I. CHAP . 1, 2 , 3 . WITH GRAMMAR

HALF YEARLY EXAM - CHAPTER 1 TO 8

OCTO -- CHAP 9 , 10 ,WITH GRAMMAR .

NOVO. CHAP -11, 12,. WITH GRAMMAR .

DECEM. –CHAP 13 , 14 .

JAN . CHAP 15 WITH GRAMMAR

FEBRUARY – CHAPTER 16 WITH GRAMMAR

PERIODIC TEST -II CHAPTER - 9, 10, 11, 12 AND CHAPTER – 8 WITH GRAMMAR

FINAL EXAM. CHAPTER – 8 TO 16 AND CHAPTER 5 AND 8 WITH GRAMMAR

SUBJECT: COMPUTER SCIENCE

Week #	Chapter Name	Session Name	Coverage
1.	1. Creating Planes for 3D Models	Creating a Plane	Creating a Plane using Rectangle and Circle Tool Hiding Objects Saving Google Sketchup File
2.	2. Designing 3D Objects	Drawing Walls	Basics of 3D Objects, Using Offset Using Push / Pull to create walls
3.		Drawing Stairs	Drawing Line Objects
4.		Practice Session	Erasing Objects, Using Camera View - Rotating Object
5.	3. Working with 3D Models	Adding Text and Colour	Applying Material Colour Adding 3D Text
6.		Downloading Models and Creating a Video	Download Models from Web Use Move tool to place models Saving views as Scenes and Exporting scenes as video
7.	4. Creating a Mobile App	Creating a New App Setting up App Inventor Building MyToDoList	Explain what is MIT App Inventor 2? Setting up an account by using gmail ID Creating a New Project, Understanding App Inventor environment
8.		Testing with Simulators Practice Test	Testing your Apps by using Ai2 Companion App, Test using Emulator
9.	5. Designing the App Interface	Designing the layout	Describe each component. Create UI of Add Task Page,
10.		Building the User Interface	Create Input Form, Placing Components
11.		Create complete UI	Display Task and Calendar
12.		Practice Session	Display Category Display Home page
13.	6. Adding New Tasks	Creating Add task page Adding behaviours to components	Understanding the Add_Task Page to create basic UI Introduction to the Block Editor Adding Behaviour to components
14.		Defining variables for application	Types of Variables like Global & Local variables Populate the Category_List
15.		Practice Session	Assign Default Values to Input Form
16.	HALF YEARLY SYLLABUS CH. 1-6		
17.	7. Storing and Retrieving Data	Connect TinyDB to store data	Using TinyDB to Store Data, TinyDB is Tiny Database
18.		Defining variables/tags for application	Storing various Categories Initializing the Database when App opens
19.		Storing and Processing Data for MyToDoList	Modify the code to use Task_Name and explore various procedures available
20.	8. Viewing the Tasks	Displaying tasks	Blocks Code: Display Tasks
21.		Searching specific tasks	Adding Functionality to components
22.		Displaying the list of categories	Search by Content & Displaying Categories
23.	9. Adding Events, Triggers and Notifications	Creating calendar page	Creating Calendar page – Introduction
24.		Adding alerts & notifications	Updating Ui. Alerts & Notification
25.		Sending triggers for tasks	Triggers for different tasks
26.	Assessment : Proctored Test on Practice Plus, test would be configured by NIIT Nguru. Syllabus: Chapter 7 to 9		
27.	10. Deleting the Task	Deleting and Editing tasks	Deleting and Editing tasks, Adding behaviour
28.		Deleting cat. Resetting App	Updating blocks, Deleting cat. Resetting App
29.	11. Testing and Adding Plugins	Finalizing the App Testing & packaging ToDoList for mobile	Finalizing the App Setting Up the App Name and Icon Packaging the App
30.		Adding additional features	Sharing Adding Camera Feed
31.		Practice Session	Adding Authentication Page on App Startup