



# Mount Abu Public School

Sector 5, Rohini, New Delhi - 110085



CLASS - VII

**SYLLABUS (2024-25)**

**TOGETHER AT MOUNT ABU FOR A SUSTAINABLE FUTURE**

## PREFACE

Education certainly determines the quality of an individual's life. It improves one's knowledge, skills, and develops the personality and attitude. Most noteworthy, it plays a vital role in transforming people. To meet this end, Mount Abu has developed an 'Academic Plan' for all subjects. It fosters a spirit from the beginning by laying out the course of action, making it an important document. It offers a common scheme of studies, keeping in view the needs, interests, capabilities and aptitudes of the learners. Considering the changes in the socio-educational climate of the country, there is a need to identify the various ingredients and variables that ultimately determine the quality of education and its end product. In today's world of globalization marked by competitiveness and challenges, it is required more than ever before that the country sets its own standards comparable to any international standard. For this, the varied needs and potentialities of learners, diversification, and flexibility should be the major characteristics of the curriculum. The booklet contains the pattern of examination and a detailed date sheet for the whole session, which will help a tutee to prepare for assessment and evaluation with ease.

This document enables the learner to:

- Acquire scientific knowledge and apply and experiment with it.
- Identify and articulate the curriculum challenges for educating the youth for the twenty-first century.
- Know different styles of learning i.e. audio, visual, and experimental and experiential.
- Interrelate education, balancing social and emotional stimulation among children to imbibe human values.
- Be acquainted with standards and procedures for assessment.
- Pursue and have in-depth knowledge in certain games and fine art areas.

It is a curricular initiative, attempting to shift emphasis from testing to holistic learning, and provides an overview to the parents about their child's learning in school through systematic practice.

**CLASSVI-VIII(MIDDLE SCHOOL)**

**EXAMINATIONSCHEDULEFORSESSION2024-25**

MONTH:MAY EXAMINATION:MAYTESTSERIES				
DAYS	DATES	CLASSVI	ClassVII	CLASSVIII
WEDNESDAY	08-05-2024	ENGLISH	HINDI	MATHS
FRIDAY	10-05-2024	SCIENCE	SOCIAL SC	SCIENCE
MONDAY	13-05-2024	MATHS	ENGLISH	HINDI
WEDNESDAY	15-05-2024	SOCIAL SC	SCIENCE	SOCIAL SC
FRIDAY	17-05-2024	HINDI	MATHS	ENGLISH
IT,FRENCH,SANSKRIT&KOREANEXAMINATIONWILLBECONDUCTEDDURINGREGULARSCHOOLHOURS				
PTM-25-05-2024				

Guidelines-

- Regularclasseswillbeheldaftereachtest.
- Nore-testwillbeconductedatanylevel.
- Testwillbeconductedfor20marks.

MONTH:JULY EXAMINATION:PA-1				
DAYS	DATES	CLASSVI	ClassVII	CLASSVIII
FRIDAY	19-07-2024	MATHS	ENGLISH	SCIENCE
MONDAY	22-07-2024	SOCIAL SC	SCIENCE	SOCIAL SC
THURSDAY	25-07-2024	HINDI	MATHS	ENGLISH
MONDAY	29-07-2024	ENGLISH	HINDI	MATHS
THURSDAY	01-08-2024	SCIENCE	SOCIAL SC	HINDI
IT,FRENCH,SANSKRIT&KOREANEXAMINATIONWILLBECONDUCTEDDURINGREGULARSCHOOLHOURS				
PTM-17-08-2024				

- DurationofTestwillbe45minutes.

Guidelines-

- Regularclasseswillbeheldaftereachtest.
- Nore-testwillbeconductedatanylevel.
- Firstperiodicwillbeconductedfor40marks.
- Durationofexamwillbe1.5hour.
- 20%oftheentiresyllabuswillbecoveredinthefirstperiodic.
- 5%oftheFirstPeriodicwillbeaddedtothefinalcumulativeresult.

MONTH:SEPTEMBER EXAMINATION:HALFYEARLY				
DAYS	DATES	CLASSVI	ClassVII	CLASSVIII
TUESDAY	17-09-2024	SOCIAL SC	FRENCH/SKT	ENGLISH
THURSDAY	19-09-2024	HINDI	MATHS	SCIENCE
SATURDAY	21-09-2024	ENGLISH	HINDI	MATHS
MONDAY	23-09-2024	SCIENCE	SOCIAL SC	FRENCH/SKT
WEDNESDAY	25-09-2024	SKT	SCIENCE	HINDI
FRIDAY	27-09-2024	MATHS	ENGLISH	SOCIAL SC
FRENCH/KOREAN(GRADEVI)&ITEXAMINATIONWILLBECONDUCTEDDURINGREGULARSCHOOL HOURS				
PTM-26-10-2024				

#### Guidelines-

- Halfyearlyexamwillbeconductedfor80marks.
- Durationofexamwillbe3hours.
- 50%oftheentiresyllabuswillbecoveredtillthehalfyearlyexams.
- ExamforSKILLMODULEwillbeconductedonREGULARWORKINGDAYSforTheory(15marks)and Practical (project submission- 35 Marks).

MONTH:DECEMBER EXAMINATION:PA-2				
DAYS	DATES	CLASSVI	ClassVII	CLASSVIII
MONDAY	16-12-2024	SCIENCE	SOCIAL SC	FRENCH/SKT
WEDNESDAY	18-12-2024	SKT	ENGLISH	SCIENCE
FRIDAY	20-12-2024	MATHS	HINDI	SOCIAL SC
MONDAY	23-12-2024	SOCIAL SC	SCIENCE	ENGLISH
THURSDAY	26-12-2024	HINDI	MATHS	HINDI
SATURDAY	28-12-2024	ENGLISH	FRENCH/SKT	MATHS
FRENCH/KOREAN(GRADEVI)&ITEXAMINATIONWILLBECONDUCTEDDURINGREGULARSCHOOL HOURS				
PTM-18-01-2025				

- 20%weightageofhalfyearlywillbeaddedincumulativeannualresult.

#### Guidelines-

- Regularclasseswillbeheldaftereachtest.
- Nore-testwillbeconductedatanylevel.
- Secondperiodicwillbeconductedfor40marks.
- Durationofexamwillbe1.5hour.
- 75%oftheentiresyllabuswillbecoveredtillsecondperiodic.
- 15%oftheSecondPeriodicwillbeaddedtothefinalcumulativeresult.

MONTH: FEBRUARY EXAMINATION: ANNUAL				
DAYS	DATES	CLASSVI	ClassVII	CLASSVIII
FRIDAY	21-02-2024	ENGLISH	FRENCH/SKT	SCIENCE
MONDAY	24-02-2024	SOCIAL SC	MATHS	ENGLISH
THURSDAY	27-02-2024	ENGLISH	HINDI	MATHS
MONDAY	03-03-2025	SCIENCE	SOCIALSC	FRENCH/SKT
WEDNESDAY	05-03-2025	SKT	SCIENCE	HINDI
FRIDAY	07-03-2025	MATHS	ENGLISH	SOCIAL SC
FRENCH/KOREAN(GRADEVI)&ITEXAMINATIONWILLBECONDUCTEDDURINGREGULARSCHOOL HOURS				
PTM-17-03-2025				

### Guidelines

- Nore-testwillbeconductedatanylevel.
- Yearlyexamwillbeconductedfor80marksand 60%weightageofthesamewillbetaken.
- ExamforSKILLMODULEwillbeconductedonREGULARWORKINGDAYSforTheory(15marks)and Practical (project submission- 35 Marks).
- Durationofexamwillbe3hours.

# ENGLISH

**COURSEBOOK: Burlington 21st Century English-7**  
**GRAMMAR: Burlington English Grammar An Electric Approach-7**

## April

**NO. OF PERIODS**

### COURSEBOOK.

Ch1-Fun and Entertainment-The Lottery Ticket

(8)

### GRAMMAR:

Ch-1.Nouns: Number and Gender

(4)

Ch.3&5.Past tense

(5)

### WRITING SKILL

DiaryEntry

(2)

## May

### COURSEBOOK

Indian Weavers.(Poem)

(3)

### GRAMMAR

Ch17.Conjunctions/connecting words

(5)

### WRITING SKILL-

Story Writing

(3)

### ENRICHMENT ACTIVITY-

Mind map on Past tense (Integrated Project File)

Speaking skill (Group Activity) Presentation-Life on Mars-How will life be same or different on Mars. (Page no. 51)

Listening skill-Immersive Theatre(Page No. 20)

Which are the three phases of life explained in the poem"The Indian weavers" ? Write In 150 words.

OR

Comment on the vocation of weaving in Indian society from your reading of the poem.

OR

Write about Sarojini Naidu's love for nature and the expression of it in her poetry?

[To be Done in Integrated Project File]

## HALF YEARLY EXAMINATION

### JULY

**NO. OF PERIODS**

### COURSEBOOK

Ch.2 Sports:Pushing the Limits

(6)

Ch:5 The Brook (Poem)

(5)

### GRAMMAR

Ch 21& 22- Phrases,Clauses and its types

(4)

Ch4- PresentTense

(4)

### WRITING SKILL.

Formal letter

(4)

### AUGUST

### COURSEBOOK

Ch 4:The Mind-The Last Leaf

(7)

Ch 5: School Days: Monday Morning

(7)

### GRAMMAR

Ch 11: Gerunds and Infinitives

(2)

**WRITING SKILL**

Bio Sketch (2)

**SEPTEMBER****COURSEBOOK**

Ch 3: Our Planet- An Unusual Holiday (Activity Based)

**GRAMMAR**

Editing (3)

Omission.

(3)

**REPEATED TOPICS:****GRAMMAR-**

Past Tense (PA1)

**COURSE BOOK**

Ch-1 The Lottery Ticket(PA1)

**WRITING SKILL**

Story Writing (PA1)

**Enrichment Activity**

Chapter-3: Our Planet- Create a fact file on any one creature of our Planet and write atleast 10 facts along with pictures .( Ch 3: Our Planet - An Unusual Holiday)(Integrated Project File)

Listening skill-Saving the Gorillas(Page no.47)

Speaking skill -Five things you might do to protect animals(Page no.48)

**PERIODIC-2****October****NO.OF PERIODS****COURSE BOOK**

Ch 7: The Senses- An Uncomfortable Bed (5)

**GRAMMAR**

Ch-14 Reported Speech (6)

**WRITING SKILL**

Notice Writing (4)

**November****COURSEBOOK**

Ch 8- Adventures: The Second Voyage of Sindbad the Sailor (5)

Leisure (Poem) (2)

**GRAMMAR**

Ch-12 Conditionals (3)

Ch-8 Future Tense (5)

**WRITING SKILL**

Report Writing (3)

**ENRICHMENT ACTIVITIES**

Speaking skill- Story narration (Group Activity)

Listening skill- The senses and animals (page no.108),

Presentation on Poetic devices via Flash Cards.(Integrated Project File)

What lessons do you learn from the life and adventures of Sindbad the sailor?

OR

Who according to you is a Hero? Do you think Sindbad possessed all the qualities to be called a hero why/ Why not ?

OR

Write about all the adventures Sindbad came across during his Second Voyage .How did he deal with it and what message does it convey to every one ?

[To be done in Integrated Project File]

## ANNUAL EXAMINATION

### December

#### COURSEBOOK

Ch-9 Inventions-The Materials of 1000 uses

Mother to Son (poem)

#### GRAMMAR

Ch19- Subject Verb Agreement

#### WRITING SKILL

Informal letter

### No.Of Periods

(7)

(5)

(6)

(3)

### JANUARY

#### COURSEBOOK

Ch10: Dreams - A Midsummer Night's Dream (Play)

#### GRAMMAR

Ch-20: Kinds of sentences.

#### WRITING SKILL

Process Writing

(5)

(2)

(3)

### February

#### COURSEBOOK

Ch-6 :Homes-The Durrells (Activity Based)

#### GRAMMAR

Editing

Omission.

(3)

(3)

### Repeated topics

#### GRAMMAR

Conjunctions (PA1)

Nouns (PA1)

Tenses (Past,Present &Future.(HY)

#### WRITING SKILL

Notice Writing (PA2)

Bio Sketch (PA2)

#### COURSEBOOK-

Ch4:The Mind-The Last Leaf.(HY)

### Enrichment Activities-

Speaking skill-Role play

Fact File on Gerald Durrell,his work towards protection of animals(Ch-6:Homes-The Durrells (Activity Based)(

Integrated Project File )

Listening skill–Interview(page no.153)



# HINDI

पाठ्यपुस्तक-1.नंदिनी

2.व्याकरणआलोक

## Periodic-1

अप्रैल	कालांश
पाठ्यपुस्तक:पाठ-1भारतिशहमारा	(3)
पाठ-2हार कीजीत	(3)
व्याकरण :1.भाषा,बोली,दलदपतथाव्याकरण	(2)
2.ध्वदन,वणतथावतणनी	(2)
3.संदितथासंदि-दवच्छेि	(3)
6.शब्दभंडार	
पर्राणर्वाची(1-12)	(1)
दवलोम(1-16),वाक्ांशेक्दलएएकशब्द(1-15)	(1)
श्रुदतसमदभत्राथणकशब्द(1-8)	(1)
अनेकाथी(1-13)	(1)
लेखनकौशल :पत्र(औपचाररक)प्रिनाचार्रा	(1)
शेसंबंदित	
लघुकथा	(1)
संवाि(छात्रऔरअध्यापकेक्बीच)	(1)

कक्षागतदवदि(मौखखक)

भारतेशकीऐसीकौनसीदवशेषताएँहैं,जोभारतकीसंसारमेंअलगपहचानबनातीहै?कक्षामें सामूदहकरूपसेचचाणकीदजए।

इच्छानुसारगृहकार्ण(InProjectFile)

1. पाठ्यक्रममेंकैनुसार सभी दवलोम शब्दोंका दचत्रौक्माध्यम सेअण्णतातेहुए उनका वाक् मेंप्रोग करेदजससे उसका अण्णस्पष्ट हो जाए।
2. 'हारकीजीत'पाठकोआारबनाकरस्वरदचतदचत्रात्मककालघुकथादनमाणणकीदजए।
3. िोव्यखिर्रोेक्बीचनईदशक्षाप्रणालीक्बारेमेंचचाणकोसंवािरूपमेंअदभविकीदजए।

मई	कालांश
पाठ्यपुस्तक:पाठ-3तेरीमुट्टी में क्ाहै	(3)
पाठ-4मुझेमेरेदमत्रोंसेबचाओ	(3)
व्याकरण:4. शब्दएवंशब्देक्भेि	(2)
5.उपसगण/प्रत्यर्	(1)
6. शब्दभंडार	
मुहावरे(1-10),लोकोखि(1-10)	(1)
7. अपदठतगद्ांश	(1)

कक्षागतदवदि(मौखखक)

दमत्र काचुनावकरतेसमर्दकन-दकन बातोंकादवशेषध्यानरखनाचादहए? इसदवषर्परअपनेदवचार प्रस्तुतकीदजए।

कक्षागतदवदि(दलखखत)

भारतमें अनेकऐसे महानुभावहुएहैं जोअपने त्यागऔरपरोपकारेक्दलएजाने जाते हैं।ऐसे दकनींिो महान व्यखित्ोेक्बारेमेंइंटरनेट,पत्र-पदत्रकाओंअथवापुस्तकोंसेजानकारीप्राप्तकीदजएतथाइसपर अपनीप्रोजेक्टफाइलमेंएकगतदवदितैर्ारकीदजए।

## HalfYearly

जुलाई

पाठ्यपुस्तक:पाठ-5पूराऔरकाँटा	(3)
पाठ-6चचाछक्कननेतस्वीरटाँगी	(3)
पाठ-7ऐसेथेक्रमांदतकारीचंद्रशेखर'आज़ादि'	(3)
व्याकरण: 7.संज्ञा	(2)
8. संज्ञाकीव्याकरणकोदृष्टि	(2)
9. सवणनाम	(2)
6.शब्दभंडार	
पर्याणर्वाची(15-24)	(1)
दवलोम(17-32)	(1)
अनेकाथी(14-27)	(1)
श्रुतसमदभन्नाथणकशब्द(9-16)	(1)
वाक्कांशकेदिएएकशब्द(16-32)	(1)
मुहावरे(11-20),लोकोखि(11-20)	(1)

कक्षागतदवदि(मौखिक)

जीवनमेंसुखेकसाथ-साथिसुखे:खमहत्त्वहैइसीकिआरपरअपनेजीवनमेंपूराऔरकाँटेकमहत्का प्रदुतपाणिनीकीदिएऔरबताइएदकजीवनकेकौनसेऐसेपलहैजोआपकेदिएपूरेकमानहैऔर कौन से काँटेकमान ?

कक्षागतदवदि(दलखखत)

स्वतंत्रतासंग्राममेंचंद्रशेखरआज़ादिकीगोपनीयताएकपावरपवाइंटप्रस्तुतीकरणतैरार कीदिए। अगस्त पाठ्यपुस्तक:पाठ-8चपलताकाप्रतीक	(4)
पाठ-9सररता	(4)
व्याकरण:10.दवशेषण	(2)
11.दक्रमर	(2)
लेखनकौशल:दनबंदि	(1)
संवादि	(1)
संदिश	(1)
सूचना	(1)

पुनरावृदि:पाठ-2हारकीजीत

संवादि

कक्षागतदवदि(मौखिक)

कक्षामेंजलसंरक्षणकेउपायोंपरचचाण कीदिए।सभीछात्रदमलकरप्रदतज्ञालें दकवेअपनेदिनकजीवन में जल की बचत करेंगे।

## Periodic2

दसतंबर

पाठ्यपुस्तक:पाठ-10परीक्षामुंशीप्रेमचंदि	(4)
पाठ-11दचिड	(3)
व्याकरण:12.सहार्कदक्रमर-काल	(2)
13.अव्यर्व अदवकारीशब्द	(4)
6.शब्दभंडार	
पर्याणर्वाची (25-36)	(1)
दवलोम(33-51)	(1)
अनेकाथी(28-40)	(1)
श्रुतसमदभन्नाथणकशब्द(17-26)	(1)

कक्षागतदवदि(मौखिक)

भारतमेंबहुतसेशिशणनीस्थलहै,इनमेसेदकसीएकजगहकीजानकारीइकठ्ठाकीदजएऔरकक्षामें छात्रोंकेसाथसाझाकीदजए।

इच्छानुसारगृहकार्ण(InProjectFile)

1. कहानीकेमाध्यमसेदवशेषणकोसमझाइएदचत्रात्मकऔररोचकइसपरएकदलखखतगदतदवदि तैरारकीदजए।

2.दहंिीभाषामेंऐसेशब्दोंकीसूचीतैरारकीदजएजोदहंिीभाषोकनहींहैअदपतु स्वतुः हीउन्ेअन्यदविशीभाषाओंसेअपनादलर्ाहैऔरआजभीउनकाउसीरूपमेंप्रर्ोगकाचलनहै।

3. एकसहर्ककाहमारेजीवनमेंकामहत्हैऔरहदकसतरहसेहमारेजीवनकोचलानेमेंहमारीमििकरतेहै? इसकीएकदचत्रात्मकसूचीतैरारकीदजएऔर उनके महत्त्वकाप्रदतपािनगदतदवदिमाध्यमसेप्रस्तुतकीदजए।

अक्टूबर

पाठ्यपुस्तक:पाठ-12 विेवराज इंद्र का िरबार (3)

व्याकरण: वाक्तथाउसकीसंरचना (3)

6.शब्दभंडार

वाक्ांशकेदलएएकशब्द(33-48) (1)

मुहावरे(21-30) (1)

लोकोखि(21-30) (1)

लेखनकौशल :लघुकथा (2)

अनुच्छेि(प्रकृतपरआररत) (1)

पत्र(औपचाररक/अनौपचाररक) (2)

कक्षागतदवदि(मौखिक)

विेवराजइंद्रकािेवराज'पाठकेआरपरवषाणकेजलकोहमदकसप्रकारसंरदक्षतकरसकतेहैं,इसकी क्ातकनीकहैऔरइसकेक्ाफार्िेहैं?कक्षामेंइसजानकारीकोछात्रोंकेसाथचचाणकीदजए।

कक्षागतदवदि(दलखखत)

मुंशीप्रेमचंिकीजीवनी,उनकीसादहखत्यकरचनाएँऔरसम्मानोंकोध्यानमेंरखतेहुए,मुंशीप्रेमचंिका अपनीप्रोजेक्टफाइलमेंदचत्रसदहतवणणनकीदजए।

Annual

जनवरी

पाठ्यपुस्तक:पाठ-13सूरिसेकेपि (4)

पाठ-14जोपढ़तेहैं,वेखेलतेभीहै (4)

व्याकरण: 15.वाक्गतअशुखिर्ाँ (1)

16.दवरामदचह (2)

6.शब्दभंडार

पर्ाणर्वाची(37-45) (1)

दवलोम(52-68) (1)

अनेकाथी(41-54) (1)

कक्षागतदवदि(दलखखत)

भखिकालीनरचनाकारोंमेंसूरिसकानामअग्रणीहै,ऐसेहीदकन्ींिोभखिकालीनकदवर्ोकेरूप रएकगदतदवदितैरारकीदजए।दजसमेंउनके दचत्र,उनकीरचनाओऔरउनके सादहखत्यक पररचर्कावणणनकीदजए।

दिसंबर

पाठ्यपुस्तक:पाठ-15.िािीकीपाती,पोतीकिनाम (4)

पाठ-16.नहो,नदनराशकरोमनको (4)

व्याकरण: 6.शब्दभंडार

श्रुदतसमदभन्नाथणकशब्द(27-38) (1)

वाक्ांशेकदलएएकशब्द(49-60)	(1)
मुहावरे(31-40)	(1)
लोकोखि(31-40)	(1)

कक्षागतदवदि(मौखक)

अपनेिािा-िािीरानाना-

नानीकसाथदकसप्रकारसमर्दबतार्रावआपकाउनकेसाथैकसाअनुभव अपने शब्दोक्माध्यमस्पष्टकीदजए।

जनवरी

पुनरावृदि:

पाठ्यपुस्तक:पाठ-1भारतिशहमारा

पाठ-5पूलाऔरकाँटा

लेखनकौशल :दचत्रवणणन

अनुच्छेि

फ़रवरी

पुनरावृदि:पाठ-

14जोपढ़तेहैंवोखेलतेहैंपत्र(औपचारर

क)

संवाि(दमत्रौकबीच)

कक्षागतदवदि(मौखक)

मेरा'सातवीकासफ़र'अपनेअनुभवइसपरछात्रअपनेदवचारप्रस्तुकरे।

# MATHEMATICS

TEXTBOOK: UNIVERSAL MATHEMATICS PRIME

THINK BOOK: THINKING CLASSROOM

## Periodic 1

### April

Ch-1 Integers 11

### April & May

Ch-2 Fractions & Decimals 16

### July

Ch-8 Lines and Angles 11

#### Enrichment Activities:

- 1) To strengthen the concept of operations on integers through card game. (Ch-1: Fun with Math's, group activity)
- 2) To represent the product of decimal numbers as a square by drawing horizontal, vertical lines and shading: a)  $0.3 \times 0.7$  b)  $0.5 \times 0.5$  (Ch-2: Art Integration, project file)
- 3) To verify by paper cutting and pasting that if two parallel lines are cut by a transversal, then
  - a) Each pair of corresponding angles is equal
  - b) Each pair of alternate interior angles is equal
  - c) Each pair of interior angles on the same side of transversal is supplementary. (Ch-08: Hands-On -Experiential Act, project file)

## Half Yearly

### August

Ch-3 Rational Numbers 11

Ch-9 Triangles and its properties 11

### September

Ch-6 Algebraic Expressions 15

Ch-12 Symmetry (Activity Based) 5

Repeated Chapters:

Chapter -1: Integers

Enrichment Activities:

1. To verify that a triangle can be drawn only if the sum of lengths of any two sides are greater than the third side.  
Set 1: 5cm, 7cm, 11cm  
Set 2: 5cm, 7cm, 14cm (Ch-9: Maths Connect, project file)
2. To collect the pictures of symmetrical figures around us and make their lines of symmetry. (Ch-12 : Real life connect, Project file)
3. To verify that in a right-angled triangle, the square of hypotenuse is equal to the sum of the squares of the remaining two sides. (Ch-9: Demonstration, project file)
4. To find the order of rotational symmetry of various geometrical figures. (Ch-12: Observations skills, learning by doing, project file)

## Periodic 2

### October

Ch-5 Simple Equations 13

Ch-15 Data Handling (Ex 15.3 - Ex 15.4) 5

### November

Ch-14 Perimeter and Area 15

Ch-10 Congruence of triangle (Activity Based) 5

Enrichment Activities:

1. To verify by paper cutting and superimposing that diagonal of a parallelogram divides it into two congruent triangles. (Ch-10: Experiential activity, project file)
2. To find the ratio of circumference of a circle to its diameter. (Ch-14: Learning beyond – project file)
3. To represent the maximum and minimum temperature of any five cities in India in a double bar graph using paper cutting and pasting. (Ch-15: Think back - art integration, Project file)
4. To derive the formula for the area of a circle by cutting and pasting method. (Ch-15: Maths connect, project file)

## Annual

### December

Ch-15 Data Handling 10

### January

Ch-07 Comparing Quantities 10

Ch-13 Visualizing solid shapes 5

### February

Ch-11 Practical geometry (Activity Based) 5

#### Repeated Chapters:

Ch-2: Fractions and Decimal (PD-1)

Ch-4 : Exponents and power ( HY)

Ch-5 : Simple Equations (PD-2)

Ch-14: Perimeter and Area (PD-2)

#### Enrichment Activities:

1. To understand the best deal by discount. (Ch-07: Maths Connect, Group Activity)
2. To make various 3D shapes using their respective nets. (eg. To make a cubical die of edge 6cm). (Ch- 13: hands-on activity, project file)
3. To find the other specifications required for constructing a right-angled triangle under different criterion, if the measure of a side and an angle are given. (Ch-11: Learning beyond-individual activity, project file)
4. To generalize the formula for finding the number of vertices, edges and faces for different solids using Euler's formula. (Ch-13 : Experiential Act, project file)

# SCIENCE

Textbook-Splendid science

Science practical book Wow Science lab

## Periodic 1

### April

Lesson 1 Nutrition in plants

Diagram: Photosynthesis, stomata showing exchange of gases

Lesson 3 Fibre to fabric

Diagram: Lifecycle of silkworm

Lesson 6 Temperature and heat

Diagram: clinical and laboratory thermometer, sea breeze and land breeze thermos

flask Lesson 8 Soil (activity based) demonstration of soil related activities by students (experiential learning)

### May

#### Subject enrichment activities

1 To grow bread mould and view a prokaryotic growth of fungus under microscope (real world connect experiential)

2 To study various stages of lifecycle of silkworm through specimen (to be done in practical file)

3 To check the purity of silk thread by a chemical test. (to be done in practical file)

4 To know how hot or cold an object is (discovery based learning) page 70

5 To read temperature of liquid using laboratory thermometer (to be done in practical file)

6 To study the process of transfer of liquids by convection (to be done in practical file)

7 To show that black bodies are better heat absorbers than white bodies. (To be done in project file)

## Half yearly

### July

Lesson 2 Nutrition in animals

Diagram - types of teeth, peristalsis, nutrition in amoeba Lesson 4

Physical and chemical changes

Diagram - Names and symbols of elements

### August

Lesson 9 Respiration

Diagram - Human respiratory system, composition of inhaled and exhaled air Lesson 12

Motion and time

**Diagram** - Oscillation of simple pendulum, distance time graph for uniform and non-uniform motion

**Lesson 14** Wind, Storm and cyclone

### September

**Lesson 16** Water a precious resource (activity based)

Learners would work in groups. They would present on topic based on conservation of water or harvesting revival system of water.

Repeated

Lesson 1 Nutrition in plants

#### Subject enrichment activities

1 Demonstration of types of teeth through a model.

2 To study physical changes by observing the change in physical state of matter. (To be done in practical file)

3 To study the effect of gas evolved from reaction of vinegar and baking soda. (To be done in practical file)

4. To study reaction of iron nail with copper sulphate solution (Demonstration to be done and project file)

5 To study motion of simple pendulum and calculate its time period (To be done in practical file)

- 6 Modelmaking to make a model of lung to understand what happens during inhalation and exhalation.
- 7 To see if breathing rate is related to physical activity (experiential learning to be done in project file)
- 8 To show that air expands on heating and contracts on cooling. (To be done in practical file)
- 9 Demonstration to prove Air around us exerts pressure
- 10 3D module on above lessons.

## Periodic 2

### October

**Lesson 5** Acid base salt

**Diagram:** table of some organic acid and their sources

**Lesson 10** Transportation of animals and plants **Diagram:** Human excretory system

### November

**Lesson 13** Electric current and its effects

**Diagram** Simple electric circuit electromagnet

Lesson 17 forest's lifeline (activity based) class discussion on topic Forests are lifelines on earth.

#### Subject enrichment

- 1 To prepare a base magnesium hydroxide (to be done in practical file)
- 2 To show the litmus paper test on different solutions **demonstration** (to be done in project file)
- 3 To find the acidic and basic nature of solutions available at home using turmeric paper as indicator (to be done in project file) **art integration**
- 4 To show current carrying wire behaves like a magnet (to be done in practical file)
- 5 To determine our pulse rate (discovery based learning)
- 6 **Modelmaking** to make an electromagnet (experiential learning)
- 7 To show that water is taken up from the roots by xylem and transported to various parts of the plant (to be done in practical file)
- 8 3D module on above
- 9 Integrated project

## Annual

### December

**Lesson 15** Light **Diagram** Dispersion of light, convex and concave lens, reflection of light by plane mirror

### January

**Lesson 11** Reproduction in plants

**Diagram** Budding in yeast, fragmentation in spirogyra, reproductive parts of flower, pollination and fertilization in a flower

**Lesson 7** Weather, climate and adaptation

**Lesson 18** Wastewater story (activity based) mind map designing by students

#### Repeated lessons

Lesson 6 temperature and heat (periodic 1)

Lesson 12 motion and time (half yearly)

Lesson 2 nutrition and animals (half yearly)

Lesson 5 acid bases and salt (periodic 2)

#### Subject enrichment

- 1 To show Dispersion of sunlight into seven constituent colours through a prism (to be done in practical file)
- 2 To study nature of image formed by plane mirror (experiential learning)
- 3 To observe natural methods of vegetative propagation and write about it. (To be done in project file)
- 4 To study different modes of asexual reproduction in plants using permanent slides (To be done in practical file)
- 5 To study the various parts of a flower (To be done in practical file)
- 6 To study weather report **Be a reporter** (To be done in project file)
- 7 3D module on above lesson



# SOCIALSCIENCE

## Periodic1

### April

Mylocality-Theme

CH1 -Placeofeminence 10

CH2-Localitythem&Now 9

### May

CH3-Localself-governmentruralandurbanadministration 8

#### SUBJECTENRICHMENT

1) Createamindmapshowingthevariousourcesofhistory.Startwiththecentraltopic""Sourcesof History"" and branch out into different categories of sources.

GroupAandB:ArchaeologicalSources

Group C and D: Literary Sources

GroupE:OralSources

Wheretodo:OnA-3sizedsheetsinwrittenform.

How to do: Presentation to be done orally in the class and beekeeping in India. You can collect data fromtheGovernmentofIndiawebsitesontheInternet.Checkthenumberofpeopleinvolvedinthese two sectors during the last 15 years. Interpret and evaluate the data and calculate the increase in the number of people involved in each sector. Present your findings in the class.

Wheretodo:Writtenactivity -tobedoneinprojectfile Howtodo:Groupproject

2) MockGramSabha:OrganiseamockGramSabhawherestudentsrole-playasvillagersanddiscuss issues relevant to the village. This can help them understand the decision-makingprocess in a Gram Panchayat.

Wheretodo:OralClasspresentation

Howtodo:RoleplaypresentationtobedoneintheClass.

## HalfYearly

### July

MyCountry(Theme

CH8-IndianSubcontinentclimate&Rainfall 15

CH2-Localitythem&Now 9

### August

MyRegion(Theme)

CH4-PlacesofHistoricalplacesRegionalsites 10

CH5-PlacesofHistoricalSignificancesitesII. 9

September

CH12-SouthAfrica-geographicalfeatures 6

Repeated

CH3Localself-government 5

#### SUBJECTENRICHMENT

I. DesignabrochurehighlightingthedifferentarchaeologicalsitesofIndiabymentioningthefollowing information location, structures, Cultural significance, and Artefacts.

Group A: Hampi

Group B: Lothal

Group C: Harapa

GroupD:Kalibangan

Group E: Dholavira

Wheretodo:OnA-4sizedsheetinwrittenform. How to

do : Only Submission is required

II. Roll no: 1-15: The Cholas were great patrons of art and culture Many famous temples were built duringtheirtime.Researchaboutanytwosuchmonuments.Alongwiththefollowinginformation.

- i. Location of the monument  
 ii. Architectural style of the temple  
 iii. The deity to whom the temple is dedicated  
 iv. Whether the temple is a part of UNESCO World Heritage Sites change into Cholas. Where to do: On A-4 size sheet in written form.  
 How to do: Only Submission is required
- III. Roll no: 16-30: The Pallavas were great patrons of art and culture. Many famous temples were built during their time. Research about any two such monuments. Along with the following information  
 i. Location of the monument  
 ii. Architectural style of the temple  
 iii. The deity to whom the temple is dedicated  
 iv. Whether the temple is a part of UNESCO World Heritage Sites change into Pallavas. Where to do: A-4 size sheet (Written)  
 How to do: Only Submission is required
- IV. Roll no: 31-40: The Cheras were great patrons of art and culture. Many famous temples were built during their time. Research about any two such monuments. Along with the following information.  
 i. Location of the monument  
 ii. Architectural style of the temple  
 iii. The deity to whom the temple is dedicated  
 iv. Whether the temple is a part of UNESCO World Heritage Sites change into Cheras. Where to do: A-4 size sheet (Written)  
 How to do: Only Submission is required

## Periodic 2

### October

CH6-Rise of composite culture-Ramdevra and Pandharpur Wari	9
My country (Theme) CH9-Agriculture pattern in India	9

### November

CH14-South Africa Society, Culture and Economy	10
My country (Theme) CH11-Socio-Religious Movement in India	10

#### Subject Enrichment

I. Research and find out more about the life and teachings of the saints and philosophers mentioned in the chapter. Write and perform a play on any one saint and showcase how you would promote unity and diversity in society through your role-play. You must consider using simple language and local customs in the role-play.

Where to do: Preparation of the script at home

How to do: Group presentation of the role play in the class.

#### II. Vibrant Gujarat Summit-2024

- Introduction: Explain what Vibrant Gujarat is, its significance, and how it has contributed to Gujarat's development.
- History: Provide a brief history of Vibrant Gujarat, including when it was first held, its growth over the years, and any notable milestones.
- Objectives: Discuss the main objectives of Vibrant Gujarat, such as promoting investment, fostering innovation, and showcasing Gujarat's economic potential.
- Impact: Analyze the impact of Vibrant Gujarat on the state's economy, infrastructure development, employment generation, and overall growth.
- Success Stories: Highlight some success stories or case studies of companies or industries that have benefitted from their participation in Vibrant Gujarat.
- Challenges: Identify the challenges faced by Vibrant Gujarat, such as sustainability, inclusivity, and addressing the needs of all stakeholders.

Where to do: Project file

How to do: Individual Activity (Only submission is required)

## Annual

### December

CH7-Understanding Discrimination and Inequality 15

### January

CH10-Medieval Society, the empire of Krishnadeva Rai and Akbar. 7

### February

CH13-History of South Africa-Apartheid 8

#### Periodic 1 Repeated

CH1-Place of Eminence

#### Half Yearly Repeated

CH8 Indian Subcontinent Climate Rainfall

CH4 Place of Historical Significance

#### Periodic 2

CH9-Agriculture pattern in India

CH11-Socio-Religious Movement

Subject Enrichment

I. History through Architecture: Mughal architecture is appreciated for its architectural features, Gather information on the architectural features of the Humayun's Tomb. Collect pictures of each feature using the Internet and make a digital presentation on it. Answer the following questions in your presentation:

- What material was used to build the Humayun's Tomb?
- What kind of roof does the monument have?
- What motifs have been used for its decoration?
- Does the Humayun's Tomb have calligraphy?
- How are the graves placed inside the tomb?
- Does the tomb have a Minar?

Where to do: Online platforms like Nearpod Microsoft ppt. How to do: Group activity to be presented in class.

II. Create a comic strip on a grid of 6(A-3 size sheet) depicting how social inequality affects different sections of society, highlighting the major issues of lack of hygiene, education, and unemployment. Section

A and B: Lack of Hygiene

Section C and D: Lack of Education

Section E: Problem of Poverty and Unemployment

# SANSKRIT

पाठ्यपुस्तक-Togetherwith-दिव्यम्भाग-2

## Periodic1

अप्रैल

पाठ-1वार्त्तालापः (3)

पाठ-2लङ्लकार(प्रथमपुरुषः) (3)

व्याकरण

शब्दरूप-

पपर्, मर् संख्या-

1-20

कक्षा-गदतदवदि स भीछात्र, दो-दोक्समूहमेंपवभक्तहोंवपकसीएकपवषयपरदोपमनटकासंवादर्यारकरें।  
मई

पाठ-3लङ्लकारः(मध्यमपुरुषः) (3)

व्याकरण

धारुरूप-खाद्, क्लट्टलट्टलकार) (3)

अपपठर्गदांश (2)

## HalfYearly

जुलाई

पाठ-4लङ्लकारः(उत्तमपुरुषः) (2)

पाठ-5पयावरणमहोत्सवः (2)

पाठ-6ममपदनचया (2)

व्याकरण

शब्दरूप-मपर्, नदी (1)

धारुरूप-नम, पर्पलङ्वलोट) (1)

संख्या-21-30 (1)

पपठर्वअपपठर्गदांश (2)

कक्षा-गदतदवदि पयावरणपकसेकहरेहैं? यहपकसप्रकार दूषर् होरहा हैवइसेबचानेकमलएआपक्या -क्या कर सकरे  
हैं? अथवा

एक रंगीनपोस्टरकापनमाणकरें, पिसमेंपयावरण कोसुरपिर्खनेकठपाय हो। कोईदोश्लोकभीपलखें।

अगस्त

पाठ-7पीयूष-पबन्दवः (2)

पाठ-8संख्याज्ञानम् (2)

व्याकरण

शब्दरूप-अस्मद्, युष्मद् (1)

धारुरूप-गै, वस्(चारोंलकार) (1)

पपठर्वअपपठर्गदांश (2)

पवलोमशब्द-1-20 (2)

कक्षा-गदतदवदि कोईदोज्ञानात्मकश्लोकअथासपहर्यादकरेंवकामेप्रस्तुर्करे।

## Periodic2

दसतंबर

पाठ-9- काकस्यचारुयाम् (2)

पाठ-10- ऋरुराः वसन्तः (2)

व्याकरण

शब्दरूप- पकम्(रीनोंपलंगोंमें) (1)

पचत्रवणान (2)

कक्षा गदतदवदि आपकोकौन-सीऋरु पसंदहैऔरक्यों? उससे संबंधर्पचत्रलगाएंवसंक्रमें10 पंक्तक्तयाँ भी पलखें।

**अक्टूबर**

पाठ-11सूक्तक्त-पुष्पांिपलः (3)

**व्याकरण**

धारुुरूप-रि,स्था(चारौलकार) (2)

कथा-लेखनम् (2)

**Annual****नवंबर**

पाठ-12ममदेशःमहान् (3)

पाठ-13उद्देनपहपसध्यक्तन्तकायापण (2)

**व्याकरण**

शब्दरूप-सवा(रीनोंपलंगोंमें) (1)

धारुुरूप-पच,हस(पाँचौलकार) (1)

पवलोमपद-21-40 (1)

**कक्षागतददवदि** "भारकीपवपवधर्ा"-पवषयपरएकपररयोिनाकायापचत्रसपहर्ैयारकीपिए।

**दिसंबर**

पाठ-14लक्ष्यपनधारणस्यमहत्वम् (2)

पाठ15शाकानांपचन्ता (2)

**व्याकरण**

शब्दरूप- इदम्(रीनोंपलंगोंमें) (2)

धारुुरूप-दा,भू(पाँचौलकार) (2)

पयायपद-(1-20) (1)

संख्या-31-50 (1)

**जनवरी**

पाठ-16पवनोदकपणकाः (3)

**व्याकरण**

पचत्रवणानम् (2)

पपठर्वअपपठर्गद्ांश (2)

**वादषणकपरीक्षाहेतुपुनरावृदि**

# FRENCH

BOOK:MAESTRO2!

## Periodic1

Leçon- 1 On Y Va !

Leçon-2JeVousInvite!

Linguistiques : Le Verbe « Aller », Les Prepositions Avec Les Villes, Les Pays Et Les Continents, Les MoyensDeTransports,LesVerbes-«Ger»,«Cer»,Les Verbes«Ir»,LePlurielDes Noms,Les Articles Définis Et Indéfinis

Socioculturels:DistinguerLe«Tu»Du«Vous»,LesFormulesDePolitesse Écriture :

Présentez Votre Professeur

CultureEtCivilisation:ConnaîtreBienLaFrance!

LesActivités:1.EcrivezUneCartePostalePourRaconterCesVacancesDansUnAutre ville/pays/contient

2. Posezunequestion

## HalfYearly

Leçon-3AvecPlaisir!

Leçon-4ÀGaucheOuÀDroite?

Leçon- 5 Va-T-Vient

Leçon-1OnYVa !

Linguistiques :LesVerbesPouvoir,Vouloir,Devoir,LaNégationLeVerb+InfinitifLesLieuxDansUne Ville, Les Articles Contractés, Impératif, Des Verbes Irreguliers, Les Articles Contractés, Les Adjectifs Démonstratifs

Socioculturels:LesDifferentes TypesDeDocuments(Message,Affiche,CarteDePostale,LesVêtements, Distinguer Le « Tu » Du « Vous »

Écriture:DecrivezVotreville«Delhi»,PresentezQuelqu'un

CultureEtCivilisation:LaPrésenceDuFrançaisDansLeCinqContinents Les

Activités : 1. Décrivez Votre Ville En Vos Mots 2. Jeu De Rôle

## Periodic2

Leçon-6C'estDansL'air

Leçon-7TousLesGoûtsSontDansLaNature

Linguistiques:LePronomSujet«On»,LesPrepositionsDeLieu,LesNombresOrdinaux,LesProduits Alimentaires, Les Articles Partatifs

Socioculturels:LesSaisonsEtLaMétéo,LesAlimentsFrançais

Écriture : Décrivez Votre École

CultureEtCivilisation:LeSystèmeÉducatifFrançais

LesActivités:1.FaitesUneCarteD'unRestaurantFrançais2.FaitesUneAffiche

## Annula

Leçon- 8 À Votre Santé

Leçon-9OuiMais.....Non

Leçon- 2 Je Vous Invite

Leçon-4ÀGaucheOuÀDroite?

Leçon- 6C'est Dans L'air !

Linguistiques:LesQuestionsFermées,(InterrogationI),LesAdverbesDeQuantité,LesVerbes«Yer»,Le Futur Proche,DeQuestions Fermées,(Interogationii), « Oui, Non,Et Si»,LesPronomsSujets« On »,Les Prepositionsde Lieu, Les Nombres Ordinaux, Les Leix Dans Une Ville, Les Articles Contractés, L'imperatif,LesVerbes«Ir»,LePlurielDesNoms,LesArticlesIndéfinisEtDéfinis

Socioculturels:Les FormulesDePolitesse,LesSaisonsEtLaMétéo,LesDifferentesTypesDeCommerce, Un Menu Français, Les Repas De La JournéeÉcriture : Décrivez Votre Journée, Présentez Quelqu'un Culture Et Civilisation : La Gastronomie Français, Le Système Éducatif Français, Connaître Bien La France

!LesActivités:1.FaitesL'invitationDeVotreAnniversaire2.RegarderLaVidéoEtRépondezAux Questions.

# ICT

## Periodic1

	No.ofPeriods
<b>Chapter–1</b> NumberSystem	2
<b>Chapter–2</b> AdvanceFeaturesofExcel	5
Activity1-Poster/3-DmodelonBinarynumbersystem.	
Activity2-Createalistofthestationaryitems–sortthelist bypriceandalsocalculatetotalamount	

## Halfyearly

	No.ofPeriods
<b>Theory</b>	
<b>Chapter–2</b> AdvanceFeaturesofExcel( <b>Repeated</b> )	1
<b>Chapter–4</b> ListsandtablesinHTML5	5
<b>Chapter–5</b> Images,linksandFormsinHTML5	4
<b>Chapter–6</b> IntroductiontoMobileApps	3
Activity1-Designacompletewebsiteforalocalbookstoreinyourcity.Createahomepagethatdisplays the different types of books available along with their pictures.	
Activity2-Posteronthecategoriesofappsindetailstothestudents	
Activity3-Createawebpagestatingbasicdetailsofallmembersinyourhouse,likename,agegender, contact information etc.	
<b>Practical</b>	
<b>Chapter–3</b> MoreonAdobeAnimate2021	
<b>Chapter–5</b> Images,linksandFormsinHTML5	

## Periodic2

	No.ofPeriods
<b>Chapter–7</b> DevelopingMobileApps	3
<b>Chapter–8</b> googleApps	4
Activity1-CreateadrawingappusingAppinventor.	
Activity2-Creatingofgooglesheet,statingnameofthestudents,andmarks.	

## Annual

	No.ofPeriods
<b>Theory</b>	
<b>Chapter–1</b> NumberSystem( <b>Repeated</b> )	1
<b>Chapter–9</b> CyberSecurity	3
<b>Chapter–10</b> TokensandDataTypesinPython	6
<b>Chapter–11</b> FutureofArtificialIntelligence	3
Activity1-Writeaprogramtocalculatetheareaofatriangle	
Activity2-MakealistofdifferntdevicesaroundthatusAItechnology.	
<b>Practical</b>	
<b>Chapter–10</b> TokensandDataTypesinPython	
<b>Chapter –5</b> Images,links andFormsin HTML5	
<b>Chapter – 6</b> Introduction to Mobile Apps	

# **ARTS**

## **April**

ObjectBasedExercisesIteawingComposition -objectfruit&VegetableIPg.No.-helpofpencilof colors. with the he

## **May**

Stilllife[Pg.No.-14-187withtheColorshelpofpencilofpastel

## **July**

StudyofParilsofface(Eyer,Nose,Faru,Lips)ConstructionofHead(Blocked) faceStudyPenwiththe help

## **August**

Portraitstudywiththe

## **September**

TraditionsavedExerciseSferlivals(GaneshChaturthi,HoliRakshaBandhanofGurpure-Decorative Patterns (Pg. No.- 41-47)

## **October**

EnvironmentActiviLinansing&asedDeeedofFlowerxwach48Techniqegnique)58

## **November**

Animal&siredstudy.withtheheepofbelish,inkNo.-59-68)+Pen(Py.NoLandscapePg.No.-69-75]

## **December**

EperienceBavedAGandActiviticeGreetingCardPrints,Printing&Designingfire mendengKalamkari Technique & Thumb Impression (Pg. No. 76-82)

## **January**

ThreeDimensionalSculpturalActivitiesGroupActivitiesPichwaithiAlligraphy,No.-83-871

## **February**

CompletionofsubmissionofFebruaryfile



# **GK**

## **April**

Theme-Starters Ch  
-1:Comics  
Ch-2:SpottheErrors  
Ch-3 :Abbreviations  
Ch-4:What'sinthename  
Ch-5:Disciplines  
Theme-FunandSports  
Ch-6: World of Sports

## **May**

Theme-FunandSports  
Ch-7: Art and Craft  
Ch-8:Paper,RockandJazz  
Ch-9: Dance and Theatre  
Ch-10: At the movies  
Ch-11:Quiz

## **July**

### **Theme-LanguageandLiterature**

Ch-12:BooksandAuthors  
Ch-13:Mythical beings  
Ch-14:ColourfulLanguages  
Ch-15: Print Media

### **Theme-Potpourri**

Ch-16:CompaniesandBrands

## **August**

### **Theme-Potpourri**

Ch-17:Aeroplanes  
Ch-18:Roadways  
Ch-19:Shipping  
Ch-20:PostalStamps

## **September**

### **Theme-Potpourri**

Ch-21:Professions  
Ch-22: Awards  
Ch-23:Systemsofrule  
Ch-24:TheUnitednations  
Ch-25: Quiz

## **October**

Theme-India  
Ch-26:TheEasternStates  
Ch-27:TheNorth-easternStates  
Ch-28: Where is India?  
Ch-29: Our armed forces  
Theme-PeopleandPlaces  
Ch-30: Africa  
Ch-31:AustraliaandherNeighbours

## **November**

Theme-PeopleandPlaces

Ch-32:PeopleofAfricaandAustralia

Ch-33: Countries, Capitals and More

Ch-34: Eternal Cities

Ch-35:GreatMinds

Ch-36: Achievers

## **December**

Ch-37:Explorations

Ch-38: Quiz

Theme-TheNaturalworld

Ch-39:Reptiles

Ch-40: Birds

Ch-41: Canids

Ch-42:TheArtofliving

Ch-43: Trees of India

## **January**

Ch-44:Naturalmonuments

Ch-45: Quiz

Theme-ScienceandTechnology

Ch-46:TechMatters

Ch-47:ScienceandScientists

Ch-48: Doctor, Doctor

Ch-49:man-madeMarvels

## **February**

Theme-ThisandThat

Ch-50:Chronology

Ch-51:Ranking

Ch-52:FirstandLast

Ch-53: Quiz

# GLOBALCITIZENSHIPCURRICULUM

## April

### UNIT1-Introductionto classroomorganization

Task 1: Who am I?

Task2:Organizeyourselves

TASK3Letusvote

Unit2- Governance

Task1:SuffrageinUnitedStates

## May

Unit2Governance

Task2:Understandingthehistoryofsuffrage

Task3:Changemaker

TASK4FormationofIndianConstitution

## July

Unit2Governance

Task5 UDHR

Task6SortingNeedsandwant

Unit3UDHR,changemakers&sdgs

Task1Wants,Needs&Scarcityofresources

## August

Unit3UDHR,changemakers&sdgs

Task 2 Needs Around The WorldTask

3 UDHR

Task4 Sdg

## September

Unit4-DemocraticLife&Participation

Task1Pickinganissue

Task2Brainstormigabouttheproject

UNIT5CivilRightsMovements

Task1HumanRightsViolationsaroundtheWorld

## October

UNIT5CivilRightsMovements

Task2Changemakers

Task3Tete-a-tetewithRealLifeChangemaker

## November

UNIT6SDG5:GenderEqualityandWomen'sEmpowerment

Task1WomenhaveSuperpowers Task

2 Group homework activity

## December

UNIT7EnergyandEnvironmentalMovements

Task1TheChipkoMovementandotherEnvironmentalMovements Task 2

Field trip

Task3Energyoptions

## January

UNIT8InventorsasChangeMakersandSustainableTechnology

Task 1 Technology

EATRIGHACTIVITY

ConcludingTask

# SAFETY TROOPS

## April

Unit-1-MyBodyRights

1) What are Body Rights?

Activity-1(TheSuperheroCodeofRespect)

2) Recognising and Preventing Sexual Harassment

3) Physical and Emotional Health

## May

Unit-2-HEALTHY BODY IMAGE AND SELF-ESTEEM

Activity-1(Things I Like about Myself)

2) What is Body Image?

## July

3) How is Our Body Image Formed?

4) Steps to Develop a Healthy Body Image

Activity-2 (Mirror Me)

5) What is Self-Esteem?

6) Why does Self-Esteem Matter?

Activity-3 (Leaving My Mark)

Unit-3-MANAGING TEST ANXIETY

1) What is Anxiety?

Activity-1(What Happens to Me When I Feel Anxious?)

## August

2) Understanding Test Anxiety

3) Arya's Struggle with Test Anxiety

4) Symptoms of Test Anxiety

5) How to Combat Test Anxiety?

## September

Unit-4-DEALING WITH PEER PRESSURE

1) Peers and Peer Pressure

2) Positive Peer Pressure

3) Negative Peer Pressure

Activity-4(Identifying Positive and Negative Peer Pressure)

4) How do I know if my friendships are healthy or not?

Activity-5 (My Healthy Friendships Checklist)

5) What can negative peer pressure make us do?

6) Fear of Rejection

7) Responding to peer pressure

8) How to say no

## October

Unit-5-POWER OF POSITIVE EMOTIONS

1) What are positive emotions?

2) How do positive emotions help us?

3) Merits of positive emotions

4) Managing Negative Emotion

Activity-2(Understanding Emotions)

5) Generating Positive Emotions

Activity-3(Activities That Make Me Happy) Assessment

## **November**

Unit-6-BEINGSAFEONLINE

- 1) InternetandItsUses
- 2) WhydoINeedtobeCareful?
- Activity-1 (Let us Reflect)
- 3) DigitalFootprint
- 4) PrecautionstoTakeBeforeSharingontheWeb
- 5) HelpfulTipsforyou
- 5) Hacking
- 6) Whydopeoplehack
- 7) Whatto do

## **December**

- 1) Whatisbullying
- 2) Whattodowhenwegetbullied
- 3) Whaticyberbullying
- 4) Casestudy

## **January**

- 5) Howtodealcyberbullying
- 6) Safeonlinehabits

# ATL

Sr.No.	DIY Kit / Platform used	Activity/Project Name	Activity/Project Details or Coverage	Inter-Disciplinary Learning Outcome around STEM
1	STEM/ Robotics Introduction	STEM/ Robotics Introduction	<ul style="list-style-type: none"> <li>• What is STEM Education?</li> <li>• What is Robotics?</li> <li>• What can robots do?</li> <li>• What can't robots do?</li> <li>• How are robots useful?</li> <li>• How are robots different from machines?</li> </ul>	<ul style="list-style-type: none"> <li>• To understand how technology will impact the workforce.</li> </ul>
2	Arduino	controller Introduction	<ul style="list-style-type: none"> <li>• Introduction to controller and basics of electronic components</li> </ul>	<ul style="list-style-type: none"> <li>• Electronics basics.</li> <li>• What is a sensor.</li> <li>• What is a controller and how to use it</li> <li>• Brainstorming on Design &amp; Construction</li> </ul>
3	Arduino	Glow an LED	<ul style="list-style-type: none"> <li>• Introduction to LEDs</li> <li>• How to connect LEDs</li> <li>• LED glowing circuit on controller</li> </ul>	<ul style="list-style-type: none"> <li>• Introduction to Circuit Designing</li> <li>• Build a Circuit</li> <li>• Coding Skills</li> </ul>
4	Arduino	Diwali Lights	<ul style="list-style-type: none"> <li>• Controlling multiple LEDs in different patterns</li> </ul>	<ul style="list-style-type: none"> <li>• Analysing the colors and patterns</li> <li>• Coding Skills</li> </ul>
5	Arduino	Switching On/Off LED Using Push Button	<ul style="list-style-type: none"> <li>• What is a Push Button</li> <li>• How to interface a Push Button with the controller</li> <li>• Controlling an LED using a Push Button</li> </ul>	<ul style="list-style-type: none"> <li>• Idea Generation</li> <li>• Coding Skills</li> </ul>
6	Arduino	RGB Disco Light	<ul style="list-style-type: none"> <li>• Introduction to RGB LED and its circuit on breadboard</li> <li>• How RGB LED is different from simple LED</li> </ul>	<ul style="list-style-type: none"> <li>• Idea Generation</li> <li>• Coding Skills</li> </ul>
7	Arduino	Intruder Alarm	<ul style="list-style-type: none"> <li>• Introduction to IR Sensor</li> <li>• Introduction to Buzzer</li> <li>• IR Sensor controlled Buzzer activity</li> </ul>	<ul style="list-style-type: none"> <li>• Solve Real World Problems</li> <li>• Decision Making</li> <li>• Coding Skills</li> </ul>
8	Arduino	Seven Segment Display	<ul style="list-style-type: none"> <li>• Introduction to Seven Segment Display and its circuit</li> <li>• What are the real time applications of seven segment display?</li> <li>• Difference between Common Cathode and Common Anode</li> </ul>	<ul style="list-style-type: none"> <li>• Idea Generation</li> <li>• Coding Skills</li> </ul>
9	Arduino	Servo Motor Control	<ul style="list-style-type: none"> <li>• What is a Servo Motor</li> <li>• How does a Servo Motor work</li> <li>• How to control a Servo &amp; move it to a particular angle using controller</li> </ul>	<ul style="list-style-type: none"> <li>• Idea Generation</li> <li>• Coding Skills</li> </ul>

10	Arduino	Automatic Street Light	<ul style="list-style-type: none"> <li>• Introduction to LDR Sensor</li> <li>• How we can control electronic devices using LDR sensor</li> </ul>	<ul style="list-style-type: none"> <li>• Decision Making</li> <li>• Ability to identify and solve complex problems</li> <li>• Coding Skills</li> </ul>
11	Arduino	Color Sorter (Black and White)	<ul style="list-style-type: none"> <li>• How to differentiate between colors using an IR Sensor</li> <li>• How to sort materials using an IR sensor and moving items using servo motor</li> </ul>	<ul style="list-style-type: none"> <li>• Analysing the colors and patterns</li> <li>• Understand STA (Sense-Think-Act) Concept</li> <li>• Coding Skills</li> </ul>
12	Arduino	LED Brightness Control	<ul style="list-style-type: none"> <li>• Concept of PWM pins and their working</li> <li>• Changing the colour and brightness of the LED or RGB</li> </ul>	<ul style="list-style-type: none"> <li>• Analysing the colors and patterns</li> <li>• Coding Skills</li> </ul>
13	Pick & Place Robot	Bluetooth controlled Movement	Programming Arduino to move forward, backward, left and right. Controlling tank using mobile phone.	<ul style="list-style-type: none"> <li>• Arduino Programming.</li> <li>• Moving DC motors.</li> <li>• Problem solving and project skills.</li> </ul>
14	Pick & Place Robot	ARM movement	Programming arm to move in 2 direction of freedom, UP, down and left and right. Controlling tank using mobile phone.	<ul style="list-style-type: none"> <li>• Arduino Programming.</li> <li>• Moving DC motors.</li> <li>• Problem solving and project skills.</li> </ul>
15	Pick & Place Robot	Open and close claw	Program claw to open and close. Controlling tank using mobile phone.	<ul style="list-style-type: none"> <li>• Arduino Programming.</li> <li>• Moving DC motors.</li> <li>• Problem solving and project skills.</li> </ul>
16	Pick & Place Robot	Final code compilation	Combine all codes and conditions together to form pick and place robot.	<ul style="list-style-type: none"> <li>• Arduino Programming.</li> <li>• Moving DC motors.</li> <li>• Problem solving and project skills.</li> </ul>
17	3D designing	Introduction of 3D Designing	<ul style="list-style-type: none"> <li>• Difference between 2D and 3D shapes.</li> <li>Understanding about workplane, view cube, solid and hollow shapes.</li> </ul>	<ul style="list-style-type: none"> <li>• Constructive Building</li> <li>• Design thinking</li> <li>• Angles, Shapes, Concept of Geometry.</li> </ul>
18	3D designing	TinkerCad: Different features and their uses	<ul style="list-style-type: none"> <li>• Learning about how to change sides of a shape, bevel, rounded, group, ungroup and alignment of shapes.</li> </ul>	<ul style="list-style-type: none"> <li>• Constructive Building</li> <li>• Design thinking</li> <li>• Angles, Shapes, Concept of Geometry.</li> </ul>
19	3D designing	Ludo Dice	<ul style="list-style-type: none"> <li>• How to work on multiple planes. Adding and removing workplanes.</li> </ul>	<ul style="list-style-type: none"> <li>• Constructive Building</li> <li>• Design thinking</li> <li>• Angles, Shapes, Concept of Geometry.</li> </ul>
20	3D designing	How to make Hollow/Shell Objects?	<ul style="list-style-type: none"> <li>• Make an open stand or box with lid to understand how to make cavity inside boxes.</li> <li>• Grouping and alignment of shapes.</li> </ul>	<ul style="list-style-type: none"> <li>• Constructive Building</li> <li>• Design thinking</li> <li>• Angles, Shapes, Concept of Geometry.</li> </ul>

21	3D designing	Howtomake Monument?	<ul style="list-style-type: none"> <li>• DesigningLeaningtowerofpisa structure.</li> <li>• Howtomakewindows,pillars andgates.</li> </ul>	<ul style="list-style-type: none"> <li>• ConstructiveBuilding</li> <li>• Designthinking</li> <li>• Angles,Shapes,Concept ofGeometry.</li> </ul>
22	3D designing	CreatingaHouse	<ul style="list-style-type: none"> <li>• Makeyourownhomestructure.</li> </ul>	<ul style="list-style-type: none"> <li>• ConstructiveBuilding</li> <li>• Designthinking</li> <li>• Angles,Shapes,Concept ofGeometry.</li> </ul>
23	3D designing	Howtoturn2D Object into 3D Object?	<ul style="list-style-type: none"> <li>• Learningtheprocesstomake2D shapes into 3D shapes...</li> </ul>	<ul style="list-style-type: none"> <li>• ConstructiveBuilding</li> <li>• Designthinking</li> <li>• Angles,Shapes,Concept ofGeometry.</li> </ul>
24	3D designing	Howtobeveland round edges?	<ul style="list-style-type: none"> <li>• Howwecanchangesshapesby changing the round and edges measure.</li> </ul>	<ul style="list-style-type: none"> <li>• ConstructiveBuilding</li> <li>• Designthinking</li> <li>• Angles,Shapes,Concept ofGeometry.</li> </ul>
25	3D designing	How to use scribbleTool?	<ul style="list-style-type: none"> <li>• Drawing3Dshapesfreehanded and adding into final model like handle of cup.</li> </ul>	<ul style="list-style-type: none"> <li>• ConstructiveBuilding</li> <li>• Designthinking</li> <li>• Angles,Shapes,Concept ofGeometry.</li> </ul>
26	Exhibition			



# MUSIC VOCAL

## April

1. School Song
2. Hindi Prayer (Ek Tu Hi Bharosa)
3. Baisakhi Celebration
4. Inter-School Competition

## May

1. Mother's Day Celebration
2. Hindi Prayer (Aalokit Path Karo)

## July

1. Alankaar 1 to 5
2. Guru Purnima Celebration
3. Environmental Song

## August

1. Independence Day Celebration
2. Raksha Bandhan Celebration
3. Janmashtami Celebration

## September

1. Ganesh Chaturthi Celebration
2. Hindi Prayer (He Prabhu Hum Par)
3. National Song (Vande Matram 1 & 2)

## Half Yearly Examination

## October

1. Gandhi Jayanti Celebration
2. National Song (Vande Matram 3 & 4)
3. Dussehra Celebration

## November

1. Diwali Celebration
2. Children's Day Celebration
3. Guru Nanak Jayanti Celebration

## December

1. Christmas Celebration
2. Alankaar (5 to 8)

## January

1. Republic Day Celebration
2. Sargam Geet (Raag Bhopali)
3. Lohri Celebration

## February

1. Shivratri Celebration
2. Basant Panchami Celebration
3. Annual Assessment

# MUSICINSTRUMENT

## April

Revisionofpreviouslessons.

Startteachingstudentstoaccompanysongs(like,bhajans,prayersetc).

'TeentaalTheka'(16beats)sayingitwithhandclappingandalsolearntoplaywithproperfingering.

## May

Practicewith'SubahSabere'prayer.

Tabla,Djembe,Congoandotherpercussioninstruments.

## July

Understandingof3maindifferentspeedofMusic.

## August

Revisionofallprevioustasks.

Playingdifferentrhythmpatternsof8beatsonDjembe.

## September

Revisionofallprevioustasks.

Halfyearlyassessmentwillbedoneonthebasisofthat.

## October

Startingofthe2ndbasic'Kaida'inTeentaal.

Continuationofthe'Kaida'.

DefinitionofvarioustermsinTabla.

## November

Differentrhythmpatternsin8beatstogetheronTablaandDjembe.

## December

Basic'Theke'of'Keherwa'(8beats)totheTablastudents. Different rhythm patterns of 8 beats on Congo.

## January

Basicrhythmpatternof6beatsonDjembe.

Basicrhythmpatternof6beatsonCongoand'Dadra'(6beats)Tabla.

## February

Revisionofprevioustasksandannualassessment.

## **DANCE**

### **April-May**

Knowledge of Indian and international dance forms, Footwork in (tatkar) Eakgun dugun- chougou with Thai, Teen taat padhant

### **July-August**

Practice of Hastak with Nagma Taal Teen Taal Tukda, Toda, Lay Bat

### **October-November**

Thaat, Amad, Paran Amad  
Introduction Different  
Taal Eye Movement (Drishti Bhedha)  
Neck Movement (Griva Bheda)

### **December-January**

Practice of Indian Folk Dance

### **February**

Ganesh Vandana

## **PHYSICAL EDUCATION**

### **Badminton**

#### **April**

Physical Exercise, Basic Rules and Regulations of Badminton

#### **May**

Physical Exercise, Gripping of Racket and Forehand Shot, How to Serve

#### **July**

Physical Exercise, Backhand Shot as well as Forehand Shot with Toss

#### **August**

Forehand Toss, Backhand Shot with Drop Shot

#### **September**

Footwork with all strokes i.e. Forehand, Backhand, Lifting the Shuttle

#### **October**

Physical Exercise, With One on One Play with Proper Servicing Strokes

#### **November**

Knockout Matches within classes with all strokes

#### **December**

Proper Smash, How to Lift the Smash

#### **January**

Matches between the students with proper rules and regulation

### **Cricket**

#### **April**

Physical Exercise, Still Head Position

#### **May**

Proper Defence

## **July**

ShadowPractise,ForwardDefense

## **August**

BackfootDefense,ShadowBackfoot

## **September**

StraightDrive-RunningB/WTheWicket

## **October**

CoverDrive-CatchingPractices

## **November**

OnDrive-FieldingPractice

## **December**

StrategyOfMatchWithAllTypesOfShotsAndDefense

## **January**

PlayingProperMatchesWithRules

## **Archery**

### **April**

PhysicalExercise,BasicRulesAndRegulationsOfArcheryMay:-NineStepsToTheArchery

1. Tance.
2. NockTheArrow.
3. SetYourGrip.
4. PredrawYourBow.
5. DrawYourBow.
6. Anchor.
7. Aim.
8. Release.
9. Followthrough

### **July**

PhysicalExercise,Stance,Nocking,Set-Up,Predraw,Draw,Anchor,Aim,Release,AndFollowthrough.

### **August**

BowDrowAndShooting10Miter

### **September**

PhysicalExerciseAndDistancePractice

### **October**

PhysicalExercise,AndTournamentPractice

### **November**

DistanceAndTournamentPracticeAndPhysicalExercise

### **December**

DistanceAndTournamentPracticeAndPhysicalExercise

### **January**

DistanceAndTournamentPracticeAndPhysicalExercise

# COUNSELLING

Month	Topic/class talks shall be aided with audiovisual clips).	
Apr	*Exam stress and anxiety management. *, Behavioural issues in adolescents and how to deal with.	.Emotional regulation .self regulation .Better mental health
May	Believe in yourself (self-esteem checklist.) Power of positive self talk.	.Self believe and social skills. Awareness Mindfulness.
June	*Resilience building *self efficacy.	Better peer connection, personality development.
July	Following instructions (mentors/parents). *Empathy building.	A better citizen, kindness and support.
Aug	*Ego vs real self *Time management	Emotional regulation and habit formation.
Sep	*Tiny changes lead to remarkable results. *Anti bullying.	Social skills and leadership. Responsibility.
Oct	*Emotional Regulation • Stress management	Self efficacy, getting rid of negative emotions.
Nov	*Tough times never last.. tough people do. *Teamwork and leadership.	Sincerity and punctuality. Better relationship.
Dec	Code of conduct (not to use abusive language). *Discipline is destiny.	.Goals and vision setting Confidence.
Jan	*Personality development. *Gender equality and respect.	Understanding people and opinion , healthy disagreement.
Feb	Gratitude letter. .Gender equality and respect.	A better version of oneself compassion intelligence.

# VISION

## 21st Century

Redefining The Future

*Together building a community of  
"Future Ready Global Citizens"*

### 21<sup>ST</sup> CENTURY SKILLS :

A framework for success in life

### COGNITIVE DEVELOPMENT :

The science of knowing and the art learning

### EXCELLENCE IN ALL WE DO, AND ALL WE ARE :

Opening up a world of opportunity

### GLOBAL CITIZENSHIP :

Together for sustainable future



**Mount Abu Public School**

Sector 5, Rohini, New Delhi - 110085

