Dear Parents,

All teachers have been advised to follow this syllabus and teaching schedule strictly.

In case your child is sick or absent for a long time, please prepare him as per schedule of chapters given in this booklet.

Teachers of all sections will complete the syllabus at least two weeks before Assessment Test to facilitate interactive revision.

All workbooks will be filled in by students and submitted to subject teachers for checking as the chapters are completed term wise.

In case of difficulty please contact respective Teacher-in-Charge (Primary/Secondary).

Your co-operation will ensure better education to your child.

Principal

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**Syllabus : 2016-17 • CLASS : VII**

**HISTORY**
- **PERIODICAL I**
  - HISTORY
    - CH.1 THE STUDY OF HISTORY
  - CIVICS
    - CH.1 THE CONSTITUTION AND ITS BASIC IDEAS

- **ASSESSMENT I**

**HISTORY**
- CH.2 ISLAM AND ITS IMPACT ON THE MIDDLE EAST
- CH.3 THE TURKISH INVASIONS
- CH.1 THE STUDY OF HISTORY (PRD.)

**CIVICS**
- CH.2 THE UNION PARLIAMENT (RAJYA SABHA/LOK SABHA)
- CH.1 THE CONSTITUTION AND ITS BASIC IDEAS (PRD.)

- **PERIODICALS II**

**HISTORY**
- CH.4 THE DELHI SULTANATE
- CH.5 THE VIJAYANAGAR AND BAHAMANI KINGDOM

**CIVICS**
- CH.3 THE UNION EXECUTIVE (PRESIDENT/VICE PRESIDENT)
- CH.4 THE UNION EXECUTIVE (PRIME MINISTER/COUNCIL OF MINISTERS)
◆ ASSESSMENT II

HISTORY
CH.6 THE MUGHAL EMPIRE
CH.7 THE BHAKTI/SUFI MOVEMENT
CH.4 THE DELHI SULTANATE (PRD.)

CIVICS
CH.5 THE UNION JUDICIARY
CH.3 THE UNION EXECUTIVE (PRESIDENT/VICE PRESIDENT) (PRD)
CH.4 THE UNION EXECUTIVE (P.M./UNION COUNCIL OF MINISTERS) (PRD)

◆ ASSESSMENT III

HISTORY
CH.8 THE RENAISSANCE
CH.3 THE TURKISH INVASION (REV. CHAPTER)
CH.5 THE VIJAYANAGAR AND BAHAMANI KINGDOM (REV. CHAPTER)

CIVICS
CH.6 GOOD CITIZENSHIP
CH.6 FUNDAMENTAL RIGHTS AND DIRECTIVE PRINCIPAL OF STATE POLICY
CH.2 THE UNION PARLIAMENT (RAJYA SABHA /LOK SABHA) (REV. CHAPTER)

MATHEMATICS
◆ 1st Periodical
Chapters 1, 2, 3, 4 and 5.

◆ 1st Assessment
Chapter 1 Natural and Whole Numbers

Chapter 2 Rational Numbers
Chapter 3 Decimals
Chapter 4 HCF and LCM of Numbers
Chapter 5 Power and Roots
Chapter 14 Algebraic Expressions
Chapter 21 Fundamental Geometrical Concepts
Chapter 22 Lines and Angles
Chapter 23 Basic Constructions
Chapter 29 Circles
Chapter 30 Symmetry, Reflection and Rotation
Chapter 33 Statistics

◆ 2nd Periodical
Chapters 6, 7, 15, 24, 25 and 28.

◆ 2nd Assessment
Chapter 6 Unitary Method
Chapter 7 Speed, Time and Distance
Chapter 15 Formula
Chapter 17 Special Products as Identities
Chapter 18 Factorization
Chapter 19 Linear Equations
Chapter 20 Graphs
Chapter 24 Triangles
Chapter 25 Construction of Triangles
Chapter 28 Polygons
Chapter 31 Perimeter and Area
Chapter 32 Volume and Surface Area of Solids
(Revision Chapters 1 & 5)
3rd Assessment
Chapter 8  Ratio and Proportion
Chapter 9  Percentage
Chapter 10 Profit, Loss and Discount
Chapter 11 Simple Interest
Chapter 12 Average
Chapter 13 Division by Vedic Method
Chapter 16 Exponents
Chapter 26 Congruency of Triangles
Chapter 27 Quadrilaterals
(Revision Chapters 3, 4, 5, 15, 20 and 28)

COMPUTER SCIENCE

PERIODICAL 1:
Ch- 1 – About a Computer
Ch - 2 – More on HTML

1ST ASSESSMENT:
Ch- 1 – About a Computer
Ch - 2 – More on HTML
Ch- 4 – Flash
PRACTICAL: Ch - 2 – More on HTML
Ch- 4 – Flash

PERIODICAL 2:
Ch- 3 – HTML: Forms and Frames
Ch - 9 – Communication on the Net

2ND ASSESSMENT:
Ch- 3 – HTML: Forms and Frames

Ch- 5 – Visual Basic 6.0
Ch- 6 – VB: Control Structures
Ch - 9 – Communication on the Net

PRACTICAL:
Ch- 3 – HTML: Forms and Frames
Ch- 5 – Visual Basic 6.0
Ch- 6 – VB: Control Structures

3RD ASSESSMENT:
Ch- 7 – C++
Ch-8 – MS Access

Revision-
Ch - 2 – More on HTML
Ch- 3 – HTML: Forms and Frames

PRACTICAL:
Ch- 7 – C++
Ch-8 – MS Access

ENGLISH LANGUAGE

BOOKS:-
1) COLOURS OF GRAMMAR BOOK-7
2) FRIDAY AFTERNOON COMPOSITION & COMPREHENSION-7

Periodical 1

COLOURS OF GRAMMAR BOOK
Chapter 1 (Sentences)
Chapter 5 (Article & determiners)
Chapter 12 (present tense-all forms)
Letter writing (Informal)
1st Assessment

**COLOURS OF GRAMMAR BOOK**
Revision of all chapters from 1st periodical.
Chapter 13 (past tense—all forms)
Chapter 14 (Future tense—all forms)
Unseen (Essay & Comprehension), Letterwriting(informal)
FRIDAY AFTERNOON COMPOSITION & COMPREHENSION
Any three passages to be done.

2nd Periodical

**COLOURS OF GRAMMAR BOOK**
Chapter 3 (Adjectives & Degrees of comparison)
Chapter 9 Clauses
Chapter 10 (Sentences—simple, complex & compound)
Letter-writing(formal letter)

3rd Assessment

**COLOURS OF GRAMMAR BOOK**
Revision of all the chapters of the 1st assessment & second periodical.
Chapter 17 (prepositions)
Unseen (essay & comprehension)
Letter writing (Formal & Informal)
FRIDAY AFTERNOON COMPOSITION & COMPREHENSION
Any three passages to be done.

ENGLISH LITERATURE

**BOOKS:** 1. Impressions., 2. Tales from Shakespeare.

1st Periodical

**Impressions:**
The sea-fever.
The Concert.

**Tales from Shakespeare:**
The Merchant of Venice.

1st Assessment
Revision of all the chapters from 1st periodical

**Impressions & The Tales of Shakespeare**

**Impressions:**
The Black cat
The vagabond

**Tales from Shakespeare:**
The Tempest

2nd Periodical

**Impressions:**
Loveliest of trees
The Birdman of India
Tales from Shakespeare
Twelfth night

◆ 2nd Assessment
Impressions :
The Birdman of India (revision)
Stopping by woods on a snowy evening
My Home Environment
Loveliest of trees (revision)
Tales from Shakespeare :
Macbeth
Twelfthnight

◆ 3rd Assessment
Impressions :
Stopping by woods on a snowy evening (revision)
The Ramapuram Tiger.
The Lakeisle at innisfree.
My Home Environment . (revision)
Tales from Shakespeare :
As you like it.
The Merchant of venice . (revision)

GEOGRAPHY
◆ 1ST PERIODICAL
1) Chp-1: Studying the Weather.
2) Chp-2: Motions of the Earth- Rotation and Revolution.
◆ 1st ASSESSMENT
1) Chp-1: Studying the Weather.

2) Chp-2: Motions of the Earth- Rotation and Revolution.
3) Chp-3: The Earth’s Grid.
4) Chp-14: The Antarctica.

MAP (ANTARCTICA)

◆ 2nd PERIODICAL
1) Chp-5: Weathering- Mechanical, Chemical and Biological.
2) Chp-6: North America- Physical Features.

◆ 2nd ASSESSMENT
1) Chp-5: Weathering- Mechanical, Chemical, Biological.
2) Chp-6: North America- Physical Features.
3) Chp-7: North America- Climate, Natural Vegetation and Wildlife.
4) Chp-8: North America- Resources.

MAP (NORTH AMERICA)
Mountains- Rocky Mountain, Appalachian Mountain, Canadian Shield.
Rivers & Water Bodies- River Mississippi, Gulf of Mexico, Isthmus of Panama, Mackenzi, Beaufort Sea, Hudson Bay, Atlantic Ocean, Pacific Ocean, Caribbean Sea, Gulf of St.

◆ 3rd ASSESSMENT
1) Chp-4: The Four Realm of the Earth.
2) Chp-10: South America- Physical Features.
3) Chp -11: South America- Climate, Natural Vegetation and Wildlife.
4) Chp-12: South America-Resources.

MAP-(SOUTH AMERICA)
Mountains- Andes, Brazilian Highlands, Guiana Highlands, Atacama Desert.
Rivers & Water Bodies- River Orinoco, Uruguay, Colorado, Amazon, Sao Francisco, Atlantic Ocean, Pacific Ocean, Rio de La Plata, Gulf of Darien, Caribbean Sea, Gulf of San Matias, Strait of Magellan.
Falkland Island, Equator, Tropic of Capricorn, Campos, Gran Chaco, Pampas.

PHYSICS
Textbook - Learning Elementary Physics. (GBP)
Dictionary - The new millennium illustrated dict. of science.
Goyal Brothers Prakashan

1st Periodical :
Textbook- Ch.-1 Measurement of mass , weight and density
Workbook – Ch.-1
Dictionary pages- 10,16

◆ 1st Assessment :
Textbook- Ch.-3 Measurement of mass, weight and density
Ch.-6 Motion and its kind
Workbook – ch.-1, ch-2
Dictionary pages– 10,16,100,101

◆ 2nd Periodical :
Textbook- Ch.-3 sound
Ch.-6 Electricity
Workbook – Ch.-3, Ch.-6
Dictionary pages– 26,27,28,29,30,31,32,40

◆ 2nd Assessment :
Textbook- Ch.-3 sound
Ch.-6 Electricity
Ch-4 Heat
Workbook- Ch-3,4,6
Dictionary pages– 26,27,28,29,30,31,32,40,41,42,60

◆ 3rd Assessment :
Textbook- Ch.-5 Light
Revision : Ch. 2,3,4,6
Workbook- Ch-5
Revision– Ch.-2, 3,4, 6
Dictionary pages– 46,47,48,49,50

CHEMISTRY
Textbook - Learning Chemistry,frank educational aids
Workbook - Frank Modern Certificate Chemistry for Middle school
Dictionary- The new millennium illustrated dict. of science.
Goyal brothers prakashan
◆ 1st Periodical:
Textbook- Ch.-1 Elements and compounds
Ch.-3 Physical and chemical changes: types of chemical reactions
Workbook – no chapters
Dictionary pages - 120,121

◆ 1st Assessment:
Textbook- Ch.-1 Elements and compounds
Ch.-2 Structure of atom
Ch.-3 Physical and chemical changes: types of chemical reactions
Workbook – Unit-1
Dictionary pages – 120,121,124,125,126,148

◆ 2nd Periodical:
Textbook- Ch.-5 Air and its constituents
Workbook – unit-2
Dictionary – 206,207

◆ 2nd Assessment:
Textbook- Ch.-5 Air and its constituents
Ch.-6 water
Ch-7 chemistry in our life
Workbook- unit-2,3,5
Dictionary pages- 206,207,208

◆ 3rd Assessment:
Textbook- Ch.-4 Acids bases and salts
Revision : Ch. 2,3,5,6,7
Workbook- unit-4

Revision– unit-2, 3,5
Dictionary pages– 150,151,152,153

BIOLOGY
Textbook- Frank new certificate Biology
Workbook – Science vision
Dictionary- The new millenium illustrated dict. of science. Goyal brothers prakashan

◆ 1st Periodical:
Textbook- Ch.-1 cell structure and function
Workbook – Ch.-1
Dictionary pages– 238,239

◆ 1st Assessment:
Textbook- Ch.-1 cell structure and function
Ch.-2 organization in living things
Workbook – Ch.-1, Ch.-2, Ch-3
Dictionary pages – 294,298,300,304,305,306

◆ 2nd Periodical:
Textbook- Ch.-3 movement in animal and plants
Ch.-4 Nutrition in plants and animals
Workbook – Ch.-4, Ch.-5
Dictionary pages -254,255,268

◆ 2nd Assessment:
Textbook- Ch.-3 movement in animal and plants
Ch.-4 Nutrition in plants and animals
Ch.-5 Ingestion,digestion, absorption and assimilation in humans.
Ch-6 Respiration in animals and plants
Workbook – Ch.-4, Ch-5, Ch-6
Dictionary pages – 279,280,281,282,283,284,285,295
◆ 3rd Assessment :
Textbook- Ch.-7 Excretion in animals and plants
Ch.-8 Life under microscope
Revision : Ch. 2 to 6
Workbook – Ch.-7, Ch-8
Revision- Ch. 2 to 6
Dictionary pages– 272,273,298,299z

2ND LANGUAGE HINDI
पुस्तक- १। शिखर (सृजन पवित्रशरी प्रो लिखें)
  २। नवीन (इष्टपरिश्रम पवित्रकेशन)
  ३। नवीन माध्यमिक व्याकरण एवं रचना (संस्कृति प्रकाशन)

1st Periodical
शिखर- गाथा-१ फूल और कॉफ़ केमिटिया)
नंदिनी- गाथा-१ श्रद्धारुणा
व्याकरण- गाथा-१ श्रद्धारुणा
व्याकरण- गाथा-१ भाषा और व्याकरण, पर्यायवाची शब्द-अर्थ से उत्तम, अनेक शब्दों के लिए एक शब्द १-१५, मुहावरे १-६, लोकोकर्ताया १-६।

1st Assessment
शिखर- गाथा-१ फूल और कॉफ़ केमिटिया)
  गाथा-२ नाटान दोस्त (कहानी)
  गाथा-५ ऐसे थे पंडित रविशंकर (संस्कृति)
लाइए एक शब्द-१५०, मुहावरे १-१५, लोकोकित्वाँ १-१२, पत्र लेखन, निबंध लेखन।
Follow the book and class work copy

पुस्तक के शिखर: पाठ १, २, नंदिनी: पाठ १, ३, व्याकरण: पाठ ४, ८।
3rd Assessment:
शिखर:- पाठ-२२ गिरिजा की कुंजलियाँ (पद)
पाठ-२० मुराद कहानी)
पाठ-२२ बोलने वाली रचाई (विदेशी लोक कथा)
नंदिनी: पाठ-१३ सबीना नाथ टैगोर
पाठ-१४ मुकरसत
पाठ १५ वीर अबुल हमीद
व्याकरण: पाठ-१८ उपसर्ग
पाठ १-९ प्रत्यय
पर्यायवाची शब्द अमूल से हाथी, विलोम शब्द-अर्थ-हर्ष, अनेक शब्दों के लिए
एक शब्द १-६४, मुहावे १-३५, लोकोकित्वाँ १-६४। मुहावे १-३५, लोकोकित्वाँ १-१२, पत्र लेखन, निबंध लेखन।
Follow the book and class work copy

पुस्तक के शिखर: पाठ १, २, १९
नंदिनी: पाठ १, ३, ७, १०
व्याकरण: पाठ १, ६, ७, १०।

3rd LANGUAGE HINDI
पुस्तक:- मेधा (कृपि प्रकाशन प्राइवेट लिमिटेड)
1st Periodical:

11. इताह (कहानी)
व्याकरण: पर्यायवाची शब्द, विलोम शब्द, बावल रचना।

1st Assessment:
11. फूल और कॉन्टा (कविता)
12. वीरता का समान (एकांकी)
13. भीष्म गिरिजा (पौराणिक कथा)
14. इताहा (कहानी)
व्याकरण: पर्यायवाची शब्द, विलोम शब्द, बावल-रचना, कथोपकथन, निबंध लेखन, पत्र लेखन।
Follow the book and class work copy

2nd Periodical:
11. काको (कहानी)
12. व्याकरण: पर्यायवाची शब्द, विलोम शब्द, बावल-रचना

2nd Assessment:
11. मेला प्रतिपाल सुंदर हो (प्रार्थना)
12. एक ग्रीक कैदी (कहानी)
13. पवित्र हाथ- मदर टर्सा का आश्रय (जीवन वृत्तांत)
14. काको (कहानी)
व्याकरण: पर्यायवाची शब्द, विलोम शब्द, बावल-रचना, कथोपकथन, निबंध लेखन, पत्र लेखन।
Follow the book and class work copy

3rd Assessment:
11. माँ, कह एक कहानी (कविता)
12. तामिलनाडु (यात्रा वृत्तांत)
Follow the book and class work copy

**2ND LANGUAGE BENGALI**

**1st Periodical**

*SAHIHYA KHISA*  1. সাহিত্য কথা, গল্পবীণা, ভাষা প্রসঙ্গ, সাহিত্য কথা অনুশীলন

**1st Assessment**

*SAHIHYA KHISA*  1. সাহিত্য কথা — গদ্যং অধ্যায় ও ভাষ্কর্য

**2nd Periodical**

*SAHIHYA KHISA*  1. সাহিত্য কথা — গদ্যং হচ্ছেন একটি দুটি ফুল

**3rd Assessment**

*SAHIHYA KHISA*  1. তোতাকালিনী, বুড়ি ভালো হবে। চলে গল্প ও ধর্ম একটি দুটি ফুল

**3RD LANGUAGE BENGALI**

**1st Periodical**

*GAZONGHAI*  1. গান। এ আমার দেশ এক বাগানের ফুল

**1st Assessment**

*GAZONGHAI*  1. গান। এ আমার দেশ এক বাগানের ফুল

*ব্যাকরণ*  1. ব্যাকরণ ও বিশেষ ক্ষেত্রে একটি দুটি ফুল

*বিশ্বাস*  1. নিজের বিশ্বাস ও বিশ্বাস এক বাগানের ফুল
Drawing (Figure Drawing) Projects

- 3rd ASSESSMENT
  - Jute Thread Work
  - Vegetable Carving
  - Projects
  - Drawing (Composition)

MUSIC

- 1ST ASSESSMENT
  1) CLASSICAL SONG
  2) BENGALI SONG (FOLK SONG)

- 2ND ASSESSMENT
  1) ENGLISH SONG
  2) BHajan

- 3RD ASSESSMENT
  1) SANSKRIT MANTRA
  2) PATRIOTIC SONG

SPANISH GUITAR

- 1st Assessment
  a. Knowledge of different parts of the instrument.
  b. Staff and Indian notation reading and writing practice.
  c. C – Major scale practice.

- 2nd Assessment
  a. Knowledge of octaves.
b. Western song / music ‘Edelwise’ ‘The theme music from sound of music’.

◆ 3rd Assessment
a. Knowledge of Indian notation.
b. Knowledge of Indian beats such as taal ‘Dadra’ ¾ beats.

N.B
i. Students are required their own instruments for practicing at home.
ii. Students are required to bring their music copy such as one- Manuscripe Book and one white pages copy only.

YOGA
◆ 1st Assessment
Introduction of Yoga

Asanas –
i) Surya Namaskar
ii) Hastottasana
iii) SuptaVajrasana

Worksheet – i) Activity 1(B) ii) Yoga Session 5

◆ 2nd Assessment
Introduction - Yoga History, Objectives, Benefits.

Asanas –
i) Yogamudrasa
ii) Pachimottasana
iii) Shavasana

Worksheet – i) Activity 2

◆ 3rd Assessment
General Guidelines of yoga practice
Asanas –
i) Dhanurasana
ii) Chakrasana
iii) Anuloma-Viloma

Worksheet – i) Activity 3

P.T.
◆ 1st Assessment:
1. Jogging
2. Marching on command
3. Agility workout
4. General warm-up exercises (head-to-toe)
5. Push-ups
6. Games: Chess
7. Games: Kho-Kho

◆ 2nd Assessment:
1. Jogging
2. Shuttle and short run
3. General warm-up exercises (head-to-toe)
4. Marching on command
5. Track and Field Events
6. Games: Football
7. Games: Carrom

◆ 3rd Assessment
1. Jogging
2. General warm-up exercises (head-to-toe)
3. Agility workout
4. Marching on command
5. Bent knee sit-ups
6. Games: Badminton
7. Team Games

MORAL SCIENCE

Textbook - A beautiful life, value education and life skills

◆ 1st Assessment:
  Ch.-1 It could not be done
  Ch.-2 The poet’s reward
  Ch.-3 Birdman of India

◆ 2nd Assessment:
  Ch. – 4 Understanding communication
  Ch.-5 For our own good
  Ch-6 Controlling global warming
  Ch- 7 Doer of brave deeds

◆ 3rd Assessment:
  Ch.- 8 Who will close the door
  Ch.- 9 The test
  Ch.-10 Being a responsible citizen

GENERAL KNOWLEDGE

◆ 1st Assessment:
  Know for sure:
  Pages: 7 -11, 15-27, 32-39

Current affairs:
Numbers: 1-20, 61-91

◆ 2nd Assessment:
  Know for sure:
  Pages: 41 - 65
  Current affairs:
  Numbers: 110 - 180

◆ 3rd Assessment:
  Know for sure:
  Pages: 71 -91
  Current affairs:
  Numbers: 210 - 290

ENGLISH VOCABULARY

◆ 1st Assessment:
  Follow the Classwork Copy

◆ 2nd Assessment:
  Follow the Classwork Copy

◆ 3rd Assessment:
  Follow the Classwork Copy