

**ACADEMIC PLAN**

**2017-18**

**CLASS-VII**

**CONTENTS**

**SUBJECTS:-**

ENGLISH  
HINDI  
MATHS  
GENERAL SCIENCE  
SOCIAL SCIENCE  
COMPUTER  
GENERAL KNOWLEDGE  
ART  
ROBOTICS  
ELECTRONICS  
COOK AND SERVE

**ENGLISH**

**2017-18**

**LEARNING OBJECTIVES**

- To enable the students to communicate effectively in English.
- To enable the students to use the four language skills i e listening, speaking, reading and writing
- To enable the students to use grammar structures and other grammatical forms accurately and appropriately.
  - To develop an interest in and appreciation of literature.
- To enable the students to use language fluently, appropriately and confidently in real life situations
- To enhance reading skills of students through prescribed Novels, newspaper reading and library reference books.

**CLASS VII**  
**SYLLABUS FOR 1st PERIODIC TEST**  
**LITERATURE READER**

L-1 MONKEY TROUBLE

L-2 BIRDIE, WILL YOU PET?

ENGLISH PRACTICE BOOK

L-1 ARTICLES

L-2 THE SENTENCE

GRAMMAR

ERROR FINDING, OMISSIONS, JUMBLED SENTENCES, GAP FILLING

WRITING SKILLS

NOTICE

**SUBJECT ENRICHMENT ACTIVITIES FOR CLASS VII, ENGLISH**

**ACTIVITY 1- Project Work/ Holidays Homework (5 marks)**

**PREPARATION OF WALL MAGAZINE**

**Collect pictures and information on any one profession of your choice and create an innovative wall magazine on A3 sized coloured sheet. Also mention the personalities who have succeeded in their chosen professions.**

**ACTIVITY 2- Speaking Assessment ( Group Activity) (5 marks)**

**In a group of five students talk explicitly about:**

- **Renowned sports personalities**
- **Authors/poets**
- **Celebrities**
- **Political Leaders**
- **Scientists**

**SYLLABUS FOR FINAL EXAMS**

**LITERATURE READER**

CH-1 MONKEY TROUBLE

CH-2 BIRDIE, WILL YOU PET?

CH-3 A HERO

CH-4 FIGHT MANJU FIGHT!

CH-7 A STORMY ADVENTURE

CH-8 THE SPIDER AND THE FLY[a fable]

CH-9 THE HUMAN ROBOT

CH-10 FRIENDS AND FLATTERERS [ A POEM]

CH-11 CHOCOLATES IN YOUR DREAMS TOO [PLAY]

**ENGLISH READER**

UNIT-3 ATTITUDE

UNIT-4 ACHIEVERS

UNIT-5 THE FUTURE WORLD

UNIT-6 UNITY IN DIVERSITY

**ENGLISH PRACTICE BOOK**

CH-1 ARTICLES

CH-2 THE SENTENCE

CH-3 THE COMPOUND SENTENCE

CH-5 TRANSITIVE & INTRANSITIVE VERBS

CH-8 REPORTED SPEECH

CH-6 MODALS

CH-7 PASSIVE

CH-9 FUTURE TIME REFERENCE

CH-10 PERFECT PROGRESSIVE TENSE

Ch-11 LINKERS

\*Note: CH-4 PHRASES & CLAUSES not to be included in the syllabus

**GRAMMAR**

ERRORS FINDING

OMISSIONS

CORRECT FORM OF VERBS

JUMBLED SENTENCES

GAP FILLING

NOTE COMPLETION

**WRITING SKILLS**

BIO-SKETCH, EMAIL, DIALOGUE COMPLETION, NOTICE, MESSAGE WRITING,  
DIARY ENTRY, LETTER( FORMAL AND INFORMAL), ARTICLE

**SYLLABUS FOR REVISION TEST**  
**CLASS VII (ENGLISH)**  
**LITERATURE READER**

**CH-1 MONKEY TROUBLE**  
**CH-2 BIRDIE, WILL YOU PET?**  
**CH-3 A HERO**  
**CH-4 FIGHT MANJU FIGHT!**  
**CH-7 A STORMY ADVENTURE**  
**CH-8 THE SPIDER AND THE FLY[a fable]**  
**CH-9 THE HUMAN ROBOT**  
**CH-10 FRIENDS AND FLATTERERS [ A POEM]**

**ENGLISH READER**

**UNIT-3 ATTITUDE**  
**UNIT-4 ACHIEVERS**  
**UNIT-5 THE FUTURE WORLD**

**ENGLISH PRACTICE BOOK**

**CH-1 ARTICLES**  
**CH-2 THE SENTENCE**  
**CH-3 THE COMPOUND SENTENCE**  
**CH-4 TRANSITIVE & INTRANSITIVE VERBS**  
**CH-8 REPORTED SPEECH**  
**CH-6 MODALS**  
**CH-7 PASSIVE**  
**CH-9 FUTURE TIME REFERENCE**  
**CH-10 PERFECT PROGRESSIVE TENSE**  
**Ch-11 LINKERS**

**GRAMMAR**

**ERROR FINDING**  
**OMISSIONS**  
**CORRECT FORM OF VERBS**  
**JUMBLED SENTENCES**  
**GAP FILLING**  
**NOTE COMPLETION**

**WRITING SKILLS**

**BIO-SKETCH, NOTICE, EMAIL, DIALOGUE COMPLETION, MESSAGE WRITING,  
DIARY ENTRY, LETTER( FORMAL AND INFORMAL), ARTICLE**

**SYLLABUS OF HALF -YEARLY**

**LITERATURE READER**

**CH-1 MONKEY TROUBLE**  
**CH-2 BIRDIE, WILL YOU PET?**  
**CH-3 A HERO**  
**CH-4 FIGHT MANJU FIGHT!**  
**CH-5 I DREAM A WORLD**  
**CH-6 STONE SOUP IN BOHEMIA**

**ENGLISH READER**

**UNIT-1 PEOPLE AT WORK**

**UNIT-2 RELATIONSHIPS**

**UNIT-3 ATTITUDE**

**ENGLISH PRACTICE BOOK**

**CH-1 ARTICLES**

**CH-2 THE SENTENCE**

**CH-3 THE COMPOUND SENTENCE**

**CH-4 TRANSITIVE & INTRANSITIVE VERBS**

**CH-7 PASSIVE**

**CH-10 PERFECT PROGRESSIVE TENSE**

**GRAMMAR**

**ERROR FINDING**

**OMISSIONS**

**JUMBLED SENTENCES**

**CORRECT FORM OF VERBS**

**GAP FILLING**

**NOTE COMPLETION**

**WRITING SKILLS**

**NOTICE**

**EMAIL**

**DIALOGUE COMPLETION**

**INFORMAL LETTER**

**ARTICLE WRITING**

**DIARY ENTRY**

**CLASS VII (2017-18)**  
**MATHS SYLLABUS**

COMPONENT A

**1. PERIODIC TEST** (PEN PAPER TEST) (20 MARKS)

FROM 5<sup>TH</sup> MAY TO 12<sup>TH</sup> MAY

CH-1 RATIONAL NUMBERS (10 MARKS)

CH-2 OPERATIONS ON RATIONAL NUMBERS (WORK SHEET 1 TO 4) (10 MARKS)

CHAPTER	VSA	VSA	SA	LA	TOTAL
RATIONAL NUMBERS	1(1)	2(1)	3(1)	4(1)	10(4)
OPERATIONS ON RATIONAL NO.	1(1)	2(1)	3(1)	4(1)	10(4)

**2. HALF YEARLY**

SEPTEMBER ONWARDS –DATE SHEET ACCORDING TO DAV BOARD (80 MARKS)

S.NO	CHAPTERS	CHAPTERS NAME	WEIGHTAGE
1	CH-1	RATIONAL NUMBERS	10
2	CH-2	OPERATIONS ON RATIONAL NUMBERS	14
3	CH-3	RATIONAL NUMBERS AS DECIMALS	10
4	CH-5	APPLICATION OF PERCENTAGE	14
5	CH-8	THE TRIANGLE AND ITS PROPERTIES	14
6	CH-11	PERIMETER AND AREA (WORK SHEET 1,2,3 AND 4)	14
7	CH-13	SYMMETRY	4

TOTAL =80

**3. PERIODIC TEST** (20 MARKS)

FROM 28<sup>TH</sup> OCT TO 3<sup>RD</sup> NOV (20 MARKS)

CH-4 EXPONENTS AND POWERS (WORK SHEET 1 TO 5) (10 MARKS)

CH-12 DATA HANDLING (10 MARKS)

CHAPTER	VSA	VSA	SA	LA	TOTAL
CH-4 EXPONENTS AND POWERS	1(1)	2(1)	3(1)	4(1)	10(4)
CH-12 DATA HANDLING	1(1)	2(1)	3(1)	4(1)	10(4)

**4. REVISION TEST** (80 MARKS)

11<sup>TH</sup> JAN TO 24<sup>TH</sup> JAN

S.NO	CHAPTERS	CHAPTERS NAME	WEIGHTAGE
1	CH-2	OPERATIONS ON RATIONAL NUMBERS	5
2	CH-3	RATIONAL NUMBERS AS DECIMALS	4
3	CH- 4	EXPONENTS AND POWER	12
4	CH-5	APPLICATION OF PERCENTAGE	6
5	CH-6	ALGEBRAIC EXPRESSION	12
6	CH-8	THE TRIANGLE AND ITS PROPERTIES	7

7	CH-9	CONGRUENT TRIANGLES	7
8	CH-10	CONSTRUCTION OF TRIANGLES	7
9	CH-12	DATA HANDLING	7
10	CH-11	PERIMETER AND AREA (WORK SHEET 1,2,3 AND 4)	8
11	CH-14	VISUALISING SOLIDS	5

TOTAL=80

LEFT FOR FEB

1. PERIMETER AND AREA (5, 6, BRAIN TEASERS HOTS)

2. LINEAR EQUATION

5. **FINAL EXAM** (FEB/MARCH) DATE SHEET ACC. TO DAV BOARD (80+20)—

INTERNAL ASSESMENT

S.NO	CHAPTERS	CHAPTERS NAME	WEIGHTAGE
1	CH-4	EXPONENTS AND POWER	9
2	CH-6	ALGEBRAIC EXPRESSION	9
3	CH-7	LINEAR EQUATION IN ONE VARIABLE	8
4	CH-9	CONGRUENT TRIANGLES	7
5	CH-10	CONSTRUCTION OF TRIANGLES	7
6	CH-11	PERIMETER AND AREA (WORK SHEET 5,6)	6
7	CH-12	DATA HANDLING	8
8	CH-14	VISUALIZING SOLIDS	2
	REPEATED CHAPTERS OF TERM 1		
9	CH-2	OPERATIONAS ON RATIONAL NUMBERS	5
10	CH-3	RATIONAL NUMBERS AS DECIMALS	3
11	CH-5	APPLICATION OF PERCENTAGE	5
12	CH-8	THE TRIANGLAE ND ITS PROPERTIES	5
13	CH-11	PERIMETER AND AREA (WORK SHEET 1,2,3 AND 4)	6

TOTAL =80 MARKS (56 +24)

**INTERNAL ASSESSMENT(2017-18)**  
**SUBJECT-MATHS (VII)**

**TERM -1**

**SUBJECT ENRICHMENT ACTIVITY (MAY-JUNE)      5 MARKS**  
**INTERDISCIPLINARY PROJECT + ENHANCEMENT WORKSHEETS      (5 MARKS)**  
**LAB ACTIVITY      (5 MARKS)**

**TOTAL = 10 MARKS (REDUCED TO 5 MARKS)**

**NOTEBOOK ASSESSMENT (SEPTEMBER)      5 MARKS**  
**REGULARITY      2 MARKS**  
**NEATNESS      1 MARK**  
**ASSIGNMENT COMPLETION 1 MARK**  
**CORRECTION WORK      1 MARK**

**TERM-2**

**SUBJECT ENRICHMENT ACTIVITY\_(DEC)      5 MARKS**  
**VEDIC MATHS      (5 MARKS)**  
**LAB ACTIVITY      (5 MARKS)**

**TOTAL = 10 MARKS ( REDUCED TO 5 MARKS)**

**NOTEBOOK ASSESSMENT ( FEB )      5 MARKS**  
**REGULARITY      2 MARKS**  
**NEATNESS      1 MARK**  
**ASSIGNMENT COMPLETION      1 MARK**  
**CORRECTION WORK      1 MARK**



**Maths Lab Activity**  
**Class VII(2017-18)**

**TERM 1**

1. Representation of Rational numbers on number line.
2. Exterior angle property of a triangle.
3. To draw the Line of symmetry of English alphabets.
4. To verify the area of a parallelogram by paper cutting activity.

**TERM 2**

1. To verify the laws of exponent when base is same .i.e  $a^m \times a^n = a^{m+n}$
2. To prove that area of a circle is equal to area of rectangle.
3. To draw double bar-graph presentation.
4. Frayer's model of algebraic expression.

**SYLLABUS**  
**CLASS VII**  
**MATHEMATICS**

**BOOK – SECONDARY MATHEMATICS**

OBJECTIVES –

- TO DEVELOP ANALYTICAL ATTITUDE AND TEMPER
- TO UNDERSTAND MATHEMATICAL CONCEPTS AND LAWS
- TO ACQUIRE THE KNOWLEDGE OF MATHEMATICAL TERMS, LAWS AND DEFINITIONS
- TO APPRECIATE THE CONTRIBUTION OF MATHS TOWARDS DEVELOPMENT AND PROGRESS IN ALL FIELDS OF LIFE

## ART SYLLABUS

### CLASS VII

#### APRIL-MAY

- 1 Earth day celebration or Save Environment
- 2 Reduce-Reuse-Recycle (poster)
- 3 Depict fun zone
- 4 Jumble with paper

#### JULY-SEP

- 1 Rainy season
- 2 Save energy
- 3 Photo frame (paper craft)

#### OCT-DEC

- 1 Calligraphy
- 2 Diwali decoration/Paper craft/X-mas celebration

#### JAN-FEB

- 1 Collage making
- 2 Paper greeting card

## **COMPUTER**

Class VII				
Group Activity	Project 1	Project 2	Computer Quest	Lab Activities
5 MM	5 MM	5 MM	10 MM 20 Reduced to 10	10 MM
Term 1 Chapter 1,2,3 and 7				
Term 2 Chapter 4,5,6,8				

<p>Divide the class into several groups. Let one group present one of the web services.</p>	<p>Create a collage on cyber safety using GIMP.</p>	<p>Create a jigsaw puzzle of an image in GIMP.</p>	<p><b>February</b></p> <p><b>Chapter 8</b></p> <p>10 MM</p> <p><b>Chapter 4,5,6,7</b></p> <p>10 MM</p> <p><b>10+ 10= 20 marks</b></p>	<p>Hands on activities (La activities-</p> <p><b>5 marks for ea chapter to be done Regular basis</b></p>
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<b>Grades</b>
<b>50-46, A1</b>
<b>41 - 45, A2</b>
<b>36 - 40, B1</b>
<b>31 - 35, B2</b>
<b>26 - 30,C1</b>
<b>21 - 25,C2</b>
<b>17 - 20,D</b>
<b>Below 17, E</b>

## **CLASS-VII**

### **SUPW ACTIVITY - COOK & SERVE**

When we prepare and cook meals at home, we have better control over the nutritional content and the overall healthfulness of the foods we eat.

#### **LEARNING OBJECTIVES**

1. To make the students realise the importance of food & health.
2. To describe the salient features of different methods of cooking & serving.
3. To make them aware of proper selection & combination of various foodstuffs  
So as to maximize their nutritional content.
4. To appreciate the need & importance of waste disposal from kitchen.
5. To make the students aware about various mishappenings which can occur while  
Working in kitchen & their effective home remedies.

## **RECIPES**

1. Suji ka halwa.
2. Sprouts Chaat
3. Curd sandwich
4. Salty Bambino
5. Fruit cream
6. Dahi Bhalla
7. Paneer Kulcha
8. Poha
9. Pizza
- 10.Aam Panna
- 11.Chana Fruit Chaat
- 12.Shahi tukda
- 13.Bread roll
- 14.Stuffed Gol Gappas
- 15.Vegetable Idli
- 16.Fresh Soda Lime
- 17.Upma
18. Burger

## Syllabus- Electronics Club

Learning of safety precaution .  
Safehandling of electronic appliances.  
Identification of common signs and symbols used in electronic circuit.  
Testing of components.  
Basic knowledge of soldering.  
Method of soldered PCB  
Locate faults in electrical gadgets I.e soldering iron  
Knowledge if multimeter.  
Working projects  
Soldering practice  
Cob musical Bell (mantra)  
Blinker circuit  
Charging light  
Siren

### CLASS VII GENERAL KNOWLEDGE SYLLABUS

#### TERM I

Language and literature	Page	1 to 7
Environment around	Page	23 to 30
World around	Page	42 to 48
Art and culture	Page	56 to 63
Math magic	Page	69 to 76
Sports and game	Page	87 to 93
Current affairs		Month of August

#### TERM II

Language and literature	Page	8, 10 to 14, 16, 19 to 22
Environment around	Page	31 to 36, 40, 41
World around	Page	50 to 55
Art and culture	Page	66 to 68
Math magic	Page	77 to 86
Sports and game	Page	94 to 107
Current affairs		Month of January

#### Current affairs schedule:-

Current affair of each month would be given on regular basis. The question would be prepared by inquizzitive club students under the guidance of teachers on various topics –sports, entertainment, politics, culture, national and international events.

#### G.K NOTEBOOK:-

Current affairs of the month and G.K based information from the news paper would be

pasted in the notebook.

**GROUP ACTIVITIES:-Name of the activity- 'CROSSWORD HOBBYIST'**

**TASK -** To solve the crossword puzzle on the given topic-  
- 'Indian Heritage'

**TIME ALLOTTED-** 25-30 Minutes

**PROCEDURE-** The class will be divided into 10 groups consisting of 5 students each housewise. Two groups will represent each house. A crossword puzzle will be given to each group. Students have to complete the puzzle within the given stipulated time. Result will be declared housewise on the basis of correct answers. Marks earned by two same houses will be summed up and result will be declared accordingly.

**VALUES-** Team work, awareness, discipline, inquisitiveness and cooperation.

**LEARNING OUTCOME-** Students will understand the need of a unified approach and the importance of team work.

- Students will become more inquisitive to know more about Indian heritage and its importance.

**NOTE** - Students would complete the pages as given in the syllabus on regular basis followed by discussion in the class. Also they must keep themselves updated with the current affairs at the national as well as the international level.

## **Robotics 2017-18**

- 1 Introduction about robots, history of robots and application of robots.
- 2 To assemble basic model of a robot.
- 3 Programming to run on tracks with touch and sound sensor.
- 4 To make a snail car and a race car using gears.
- 5 To make creative models of

1. Karate arm
2. Pusher

3. Long arm
4. Baseball batter
5. Mini golf
6. A gate with a sensor
7. Wheel chair

## **CLASS-VII**

### **SYLLABUS SUBJECT-G.SCIENCE (2017-18)**

#### **OBJECTIVES---**

1. To develop scientific attitude and temper.
  2. To understand scientific concepts ,principles and laws.
  3. To acquire the knowledge of facts, definitions and processes.
  4. To develop experimental and observational skills 5. To inculcate science and technology related values.
  6. To appreciate the contribution of science in all walks of life.
  7. To create awareness and concern for a healthy environment and preservation of ecosystem.
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**SCIENCE PLANNER**  
**CLASS-VII (2017-18)**

EXAM	SYLLABUS	MARKS
1 UNIT MAY	1.NUTRITION IN PLANTS 2.NUTRITION IN ANIMALS	20 MARKS (reduced to 10)
NOTE BOOK	COVER &INDEX , TIMELY SUB. ,CORRECTIONWORK, NEATNESS,ASSIGNMENT	5 MARKS
INTERDISCIPLINARY PROJECT	HOLIDAYS H.W.	5 MARKS
1 TERM SEPTEMBER	AS PER CLUSTER SYLLABUS Ch. 1,2,3 5,6,7,8,14 and 16	80 MARKS
2 UNIT	I. REPRODUCTION IN PLANTS II. ACIDS ,BASES AND SALTS	20 MARKS (reduced to 5 marks)
NOTE BOOK	COVER &INDEX , TIMELY SUB. ,CORRECTIONWORK, NEATNESS,ASSIGNMENT	5 MARKS
LAB ACTIVITY	TO TEST THE CHEMICAL NATURE OF SALT -3 marks LAB FILE-- 2 MARKS	5 MARKS
REVISION EXAM	AS PER SYLLABUS DECIDED CH-2,3,4,5,6,7,8,9,10,11,12,12,14,15	80 MARKS (reduced to 5 marks)
FINAL EXAM	AS PER CLUSTER SYLLABUS  CH- 2,3,4,5,6,7,8,9,,10,11,12,13,14,15AND 17	80 MARKS

**DIVISION OF SYLLABUS (2017-18)**

CLASS—VII SUB—G.SCIENCE

TERM—1 (Till September)

SYLLABUS FOR TERM—1      --80 Marks

WEIGHTAGE

• NUTRITION IN LIVING ORGANISMS- PLANTS -	8 marks
• NUTRITION IN LIVING ORGANISMS –ANIMALS	9
• CHEMICAL SUBSTANCES AND PROCESSES	11
• WATER	5
• HEAT	12
• MOTION AND TIME	10
• RESPIRATION IN ORGANISMS	10
• TRANSPORTATION IN PLANTS & ANIMALS	10
• FABRIC FROM FIBRE	5

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SYLLABUS FOR PERIODIC-1 (20 MARKS)

CH-1 NUTRITION IN PLANTS

CH-2 NUTRITION IN ANIMALS

PERIODIC-2 (20 MARKS)

CH-4 ACIDS ,BASES AND SALTS

CH-9 REPRODUCTION IN PLANTS

SYLLABUS FOR FINAL TERM (2017-18)

CLASS- VII SUB- G.SCIENCE  
**COMPILED SYLLABUS FOR FINAL EXAM IN FEB**

WEIGHTAGE

• REPRODUCTION IN PLANTS	6
• SOIL	6
• ELECTRIC CHARGES AT REST	6
• LIGHT	10
• WEATHER ,CLIMATE AND ADAPTATIONS OF ANIMALS	4
• FORESTS	4
• ELECTRIC CURRENT AND ITS EFFECTS	6
• ACIDS ,BASES AND SALTS.	8

**REPEATED CHAPTERS FROM TERM 1**

• NUTRITION IN LIVING ORGANISMS -ANIMALS	4
• CHEMICAL SUBSTANCES & PROCESSES	5
• HEAT	5
• MOTION AND TIME	6
• RESPIRATION IN ORGANISMS	4
• TRANSPORTATION IN PLANTS AND ANIMALS	4
• FABRIC AND FIBRE	2

**NOTE:**

**CHPT 1: NUTRITION IN ORGANISMS –PLANTS**

**CHPT 6:WATER**

**WILL NOT BE REPEATED IN FINAL TERM.**

**Ch-1 Nutrition in organisms:plants**

- Modes of nutrition in plants
- Photosynthesis
- Other modes of nutrition in plants
- Symbiotic relationship
- How nutrients are replenished in soil.

**Ch-2 Nutrition in organisms:animals**

- modes of intake of food
- food habits of animals
- modes of nutrition
- nutrition in humans
- nutrition in cud chewing animals
- nutrition in amoeba

**CH-3 Chemical Substances and processes**

- chemical symbols
- chemical formulae
- Chemical changes
- chemical equations

**CH-5 HEAT**

- heat as energy
- heat and temperature
- measurements of temperature
- Transfer of heat

**CH-6 MOTION AND TIME**

- motion
- motion along a straight line
- speed
- uniform and non uniform motion
- measuring speed
- graphs

## **CH7:RESPIRATION IN ORGANISMS**

- respiration - aerobic and anaerobic
- respiration in plants
- respiration in animals
- respiration in humans

## **CH :8 TRANSPORTATION IN PLANTS AND ANIMALS**

- transportation in plants
- transpiration in plants
- transportation in animals
- excretion in animals

## **CH:14 FABRIC FROM FIBRE**

- animal fibre
- wool
- obtaining silk from silk moth

## **CH:16 WATER**

- water on earth
- scarcity of water
- Water management

## **TERM I ---100 MARKS**

### **WRITTEN EXAM ---80 MARKS**

### **INTERNAL ASSESSMENT -20 MARKS**

- a-periodic test---10 marks
- b-note books----5marks
- c-subject enrichment activity--5marks  
(role play, mind map,puzzle,or any other)

## **TERM 2 VII**

### **CH-4 ACIDS, BASES AND SALTS**

- MINERAL AND ORGANIC ACIDS
- BASES AND ALKALIES
- INDICATORS
- NEUTRALISATION AND NAMING OF SALTS
- PROPERTIES AND CLASSIFICATION OF SALTS

### **CH- 9 REPRODUCTION IN PLANTS**

- TYPES OF REPRODUCTION IN PLANTS**
- ASEXUAL AND VEGTTIVE REPRODUCTION**
- SEXUAL REPRODUCTION IN PLANTS**
- SEED DISPERSAL**

#### **CH-10 SOIL**

- SOIL FORMATION**
- SOIL PROFILE**
- PROPERTIES AND COMPOSITION OF SOIL**
- SOIL POLLUTION AND EROSION**
- SOIL AND CROPS**

#### **CH-11 ELECTRIC CHARGES AT REST**

- CHARGED AND UNCHARGED OBJECTS**
- CONDUCTORS AND INSULATORS**
- KINDS OF CHARGES IN NATURE**
- EARTHING –METHODS OF CHARGING**
- CHARGES IN NATURE**

#### **CH-12 LIGHT**

- LAWS OF REFLECTION**
- IMAGE FORMATION**
- SPHERICAL MIRRORS**
- IMAGE FORMATION BY MIRRORS**
- USES OF MIRRORS**

#### **CH-13 WEATHER ,CLIMATE AND ADAPTATION OF ANIMALS**

- WEATHER**
- CLIMATE**
- CLIMATE AND ADAPTATION**

#### **CH-15 FORESTS**

- COMPONENTS OF FOREST**
- LIFE IN A FOREST**
- LAYERS OF FOREST**
- IMPORTANCE OF FOREST**
- DEFORESTATION AND PROBLEMS**
- COMMON TREES**

#### **CH-17 ELECTRIC CURRENT AND ITSEFFECT**

- HEATING EFFECT OF CURRENT**
- ADVANTAGES AND DISADVANTAGES OF HEATING EFFECT**
- MAGNETIC EFFECT OF CURRENT**

## **-ELECTRIC BELL**

### **Ch-2 Nutrition in organisms:animals**

- modes of intake of food**
- food habits of animals**
- modes of nutrition**
- nutrition in humans**
- nutrition in cud chewing animals**
- nutrition in amoeba**

## **CH-3 Chemical Substances and processes**

- chemical symbols**
- chemical formulae**
- Chemical changes**
- chemical equations**

## **CH-5 HEAT**

- heat as energy**
- heat and temperature**
- measurements of temperature**
- Transfer of heat**

## **CH-6 MOTION AND TIME**

- motion**
- motion along a straight line**
- speed**
- uniform and non uniform motion**
- measuring speed**
- graphs**

## **CH7:RESPIRATION IN ORGANISMS**

- respiration - aerobic and anaerobic**
- respiration in plants**
- respiration in animals**
- respiration in humans**

## **CH :8 TRANSPORTATION IN PLANTS AND ANIMALS**

- transportation in plants**
- transpiration in plants**
- transportation in animals**
- excretion in animals**

**CH:14 FABRIC FROM FIBRE**

-animal fibre

-wool

-obtaining silk from silk moth

**TERM II ---100MARKS**

**WRITTEN EXAM ---80 MARKS**

**INTERNAL ASSESSMENT –20 MARKS**

a- periodic test---5 marks b-

revesion test----5 marks

c -note books----5marks

d -subject enrichment activity--5marks

(lab activity-to test chemical nature of given chemical using litmus)

**SOCIAL SCIENCE SYLLABUS**

**CLASS VII**

**2017-2018**

**PRESCRIBED BOOK – ‘WE AND OUR WORLD’ CLASS VII**

The Social Science course is divided into 3 units:-

**UNIT I Our Environment**

**UNIT II Our Past**

**UNIT III Changing Faces of our Democracy**

**OBJECTIVES** – The main objectives of teaching Social Science at this level are to enable the students to –

Relate to their everyday life and the issues discussed in the text book.

Provide general ideas of development within the given periods of History.

Know various types of sources of sources of information.

Imbibe the ideas of the preamble and the Indian constitution.

To develop the skills of map reading and awareness of our environment.



**CLASS VII (2017-18)**

**TERM-I**

**SOCIAL SCIENCE**

**I PERIODIC TEST**

**(May)**

Chapters - Chapter 1 - Components of Environment  
Chapter 9 - Medieval Period  
Chapter 18- Democracy and Equality

**BLUE PRINT**

<b>TOPIC</b>	<b>VSA(Very short answer)</b>	<b>SA(Short Answer)</b>	<b>LA(Long Answer)</b>	<b>TOTAL</b>
<u>Geography</u> <u>CHAPTER - 1</u>	1(1)	2(1)	3(1)	6(3)
<u>History</u> <u>CHAPTER -9</u>	1(1)	2(1)	3(1)	6(3)
<u>Civics</u> <u>CHAPTER-18</u>	1(1)	4(2)	3(1)	8(4)
<b><u>TOTAL</u></b>	3(3)	8(4)	9(3)	20(10)

**SUBJECT ENRICHMENT ACTIVITY**

**SOCIAL SCIENCE CLASS VII**

**MM-5**

**TERM I**

**INDIVIDUAL ACTIVITY**

**CIVICS**

We live in fast changing times. Developments in the field of communication technology are leaving a deep impact on us. Media brings important social issues and brings about positive changes in the society.

(a) Design your own social public service advertisement which can benefit any Public awareness programme. Eg Respect for traffic rules, need of hygiene, ill effects of illiteracy etc.

(b) Express in your own words how the advertisement as designed by you can help the public in promoting social issues.

(c) Create a message in your own words which can bring wonders and bring out awareness amongst the masses.

Content and clarity – 1 mark  
Creativity - 1 mark  
Presentation - 1 mark  
Message - 1 mark  
Expressions - 1 mark

### **NOTEBOOK ASSESSMENT**

**MM 5**

**(SEPTEMBER)**

Cover and Index 1 mark  
Timely submission 1 mark  
Assignment/Worksheet 2 marks  
Correction work 1 mark

**Total 5 marks**

### **II PERIODIC TEST**

**(SEPTEMBER)**

**MM 80**

### **SYLLABUS**

#### **GEOGRAPHY**

CH-1 Components of environment  
CH-2 The earth and changes on it  
CH-3 The surface and Interior of the earth  
CH-4 Air Around Us

#### **HISTORY**

CH-9 Medieval Period  
CH-10 The Rise of small kingdoms in North India  
CH-11 The Rise of small kingdoms in South India  
CH-12 Turkish Invasions in North India  
CH-13 Delhi Sultanate

## **CIVICS**

CH-18 Democracy and Equality

CH-19 Our State Government

CH-20 Media- The mainstay of democracy

CH-21 Advertising and Democracy

## **NOTE**

- Only selected topics of Ch-20 and Ch-21 will be taught and assessed. The topics are-
  - Media and democracy (Pg 168,169,170)
  - Right to Information Act (Pg 170,171)
  - Effects of Advertising (Pg 177)
  - Advertising and Democracy (Pg 177,178)
  - Consumerism (Pg 178,179)
  
- Only Political maps to be used for map skills.

## **MAP SKILLS**

### **GEOGRAPHY**

CH-1 Components of environment

- a) Gir National Park
- b) Jim Corbett National Park
- c) Bharatpur Bird Sanctuary
- d) Kaziranga National Park
- e) Periyar Wildlife sanctuary

CH-2 The earth and changes on it

- a) Mountain soil- Jammu and Kashmir, Himachal Pradesh
- b) Alluvial Soil- Bihar, Uttar Pradesh
- c) Black Soil- Gujarat, Maharashtra
- d) Red Soil- Tamil Nadu, Odisha
- e) Desert Soil- Rajasthan

## **HISTORY**

### **CH-10 The Rise of small kingdoms in North India**

- a) Kanauj
- b) Chauhans

### **CH-11 The Rise of small kingdoms in South India**

- a) Kanchipuram
- b) Thanjavur

### **CH-13 Delhi Sultanate**

- a) Ghazni
- b) Panipat
- c) Delhi
- d) Devgiri

## **III PERIODIC TEST**

**(OCT-NOV)**

**MM 20**

**CHAPTERS- Chapter 5-Water surrounding the earth**

**Chapter 14-Regional Powers**

**Chapter 22-Unpacking Gender**

## **BLUE PRINT**

<b><u>TOPIC</u></b>	<b><u>VSA</u></b>	<b><u>SA(Short ans)</u></b>	<b><u>LA(Long ans)</u></b>	<b><u>TOTAL</u></b>
<b>Geography Ch 5</b>	<b>2(2)</b>	<b>2(1)</b>	<b>3(1)</b>	<b>7(4)</b>
<b>History Ch 14</b>	<b>–</b>	<b>4(2)</b>	<b>3(1)</b>	<b>7(3)</b>
<b>Civics Ch 22</b>	<b>1(1)</b>	<b>2(1)</b>	<b>3(1)</b>	<b>6(3)</b>
<b><u>TOTAL</u></b>	<b><u>3(3)</u></b>	<b><u>8(4)</u></b>	<b><u>9(3)</u></b>	<b><u>20(10)</u></b>

**SUBJECT ENRICHMENT ACTIVITY**

**SOCIAL SCIENCE CLASS VI**

**TERM II**

**MM 5**

**GROUP ACTIVITY**

The role of transportation is of utmost importance for the development of a country. A good transport network influences both social and economic development of a place.

**Task** – Work in a group of 5 students each to draw the functioning of any one mode of transportation out of the following modes- Roadways, Railways, Airways, Waterways and Pipelines in the form of a presentation in the class. The activity can be supported by the following parameters –

A role play  
Self created props  
Theme based song  
A message

Content- 1 mark  
Creativity-1 mark  
Presentation – 1 mark  
Speaking skills and expressions-2 marks

**NOTEBOOK ASSESSMENT**

**MM 5**

**(FEBRUARY)**

Cover and Index 1 mark  
Timely submission 1 mark  
Assignment/Worksheet 2 marks  
Correction work 1 mark

**Total 5 marks**

## **IV PERIODIC TEST**

**(To be held in January)**

**MM 80**

### **GEOGRAPHY**

#### **CH-2 The earth and changes on it**

CH-3 The surface and Interior of the earth

#### **CH-4 Air Around Us**

CH-5 Water surrounding the Earth

CH-6 Life on the Earth

### **HISTORY**

#### **CH-10 The Rise of small kingdoms in North India**

CH-12 Turkish Invasions in North India

#### **CH-13 Delhi Sultanate**

CH-14 Regional Powers

CH-15 The Mughal Empire

CH-16 Emergence of Independent States

### **CIVICS**

CH-19 Our State Government

CH-20 Media- The mainstay of democracy

CH-21 Advertising and Democracy

CH-22 Unpacking Gender

### **NOTE**

1. Ch-7 Human Environment to be taken up as project or activity in Term-II
2. Only Political maps to be used for map skills.
3. Only selected topics of Ch-20 and Ch-21 will be taught and assessed. The topics are-
  - Media and democracy (Pg 168,169,170)
  - Right to Information Act (Pg 170,171)

- Effects of Advertising (Pg 177)
- Advertising and Democracy (Pg 177,178)
- Consumerism (Pg 178,179)

## **MAP SKILLS**

### **GEOGRAPHY**

#### **CH-5 Water Surrounding the Earth**

- a) Peru
- b) Oyashio
- c) North Atlantic Drift
- d) W. Australia
- e) Kuroshio
- f) Gulf Stream
- g) Brazil
- h) E. Australia

#### **CH-6 and 8**

- a) Sahara Desert
- b) Ladakh Desert
- c) Velds
- d) Prairies
- e) Ganga Brahmaputra Basin
- f) Amazon Basin
- g) Zaire Basin
- h) Savanna (Australia)

### **HISTORY**

#### **CH-14 Regional Powers**

- a) Chittor
- b) Jodhpur

#### **CH-15 The Mughal Empire**

- a) Agra
- b) Awadh
- c) Bijapur
- d) Golconda

#### **CH-16 Emergence of Independent States**

- a) Mysore
- b) Ahmednagar

CH-17 MAJOR RELIGIONS

- a) Amritsar
- b) Bengal/Odisha – Chaitanya Mahaprabhu

**FINAL EXAM SYLLABUS**

**MM 80**

**GEOGRAPHY**

- CH-2 The earth and changes on it
- CH-3 The surface and Interior of the earth
- CH-4 Air Around Us**
- CH-5 Water surrounding the Earth
- CH-6 Life on the Earth
- CH-8 Land and the People

**HISTORY**

- CH-10 The Rise of small kingdoms in North India
- CH-12 Turkish Invasions in North India
- CH-13 Delhi Sultanate**
- CH-14 Regional Powers
- CH-15 The Mughal Empire
- CH-16 Emergence of Independent States
- CH-17 Major Religions

**CIVICS**

**CH-19 Our State Government**

- CH-20 Media- The mainstay of democracy
- CH-21 Advertising and Democracy
- CH-22 Unpacking Gender
- CH-23 Markets Around Us

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- Right to Information Act (Pg 170,171)
- Effects of Advertising (Pg 177)
- Advertising and Democracy (Pg 177,178)
- Consumerism (Pg 178,179)

## **MAP SKILLS**

### **GEOGRAPHY**

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- h) Savanna (Australia)

### **HISTORY**

#### **CH-14 Regional Powers**

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- b) Jodhpur

#### **CH-15 The Mughal Empire**

- a) Agra

- b) Awadh
- c) Bijapur
- d) Golconda

CH-16 Emergence of Independent States

- a) Mysore
- b) Ahmednagar

CH-17 Major Religions

- a) Amritsar- Golden Temple
- b) Bengal/Odisha- Chaitanya Mahaprabhu