

# AARYAN INTERNATIONAL SCHOOL

Syllabus : 2019-20

**Class : X**

**Subject : English**

## April

<b>Prose</b>	Ch. 1 A Letter to God
<b>Poetry</b>	Ch. 1 Dust of Snow
<b>Supplementary Reader</b>	Ch. 1 A Triumph of Surgery
<b>Writing</b>	Story Writing
<b>Grammar</b>	Tenses

## May

<b>Prose</b>	Nelson Mandela, Ch. 7 Glimpses of India
<b>Poetry</b>	Ch. 2 Fire and Ice, Ch. 8 The trees
<b>Supplementary Reader</b>	The Thief's Story
<b>Writing</b>	Formal letter (Business Letter)
<b>Grammar</b>	Modals

## July

<b>Prose</b>	Two stories about flying
<b>Poetry</b>	A Tiger in the Zoo
<b>Supplementary Reader</b>	The midnight visitor
<b>Writing</b>	Formal letter (order placing)
<b>Grammar</b>	Use of passive voice

## August

<b>Prose</b>	From the diary of Anne Frank
<b>Poetry</b>	How to tell wild animals
<b>Supplementary Reader</b>	A question of trust
<b>Writing</b>	Formal letter (Cancelling order)
<b>Grammar</b>	Determiner, Preposition

## September

<b>Prose</b>	The hundred Dresses - I & II
<b>Poetry</b>	The Ball Poem
<b>Supplementary Reader</b>	Footprints, Without feet, The Making of scientists
<b>Writing</b>	Diary

## October

<b>Prose</b>	Ch. Mijbil the otter
<b>Poetry</b>	Ch. Amanda, Ch. 7 Animals
<b>Supplementary Reader</b>	The Necklace, Ch. 9 Bholi
<b>Writing</b>	Article Writing
<b>Grammar</b>	Gap filling, Editing or Omissions

## November

<b>Prose</b>	Ch. 9 Madam Rides the Bus Ch. 11 The proposal
<b>Poetry</b>	Ch. 9 Fog Ch. 10 The Tale of custard the Dragon.
<b>Supplementary Reader</b>	The Hack Driver
<b>Grammar</b>	Sentences Reordering

## December

<b>Prose</b>	Ch. 10 The Sermon at Benares
<b>Poetry</b>	For Anne Gregory
<b>Supplementary Reader</b>	The Book that saved the Earth
<b>Writing</b>	Revision
<b>Grammar</b>	Revision

## Subject : Hindi

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# Subject : Social Science

## April & May

History	: Ch. 1	C. Test
Geography	: Ch.1, 3	Ch. 1
Pol. Science	: Ch.1, 2	Pol. Sc. -1
Economics	: Ch.1, 2	Ch. 1

## July & August

		P.T. - 1
History	: Ch.3	1, 3
Geography	: Ch. 4, 5	3, 4
Pol. Science	: Ch. 3, 4	2, 3
Economics	: Ch. 3	2, 3

## September

Mid Term Examination, Syllabus : All work done till september

## October - November

History	: Ch.6 & 7
Geography	: Ch. 6 and 7
Pol. Science	: Ch. 6 and 7
Economics	: Ch. 4 and 5

P. T. - 3

## December

Post Mid Term Examination, Syllabus : All work done since April

## January - February

Pol. Sci. Ch. 8      January - Pre-Board  
Complete Syllabus

# LIST OF MAP ITEMS FOR SOCIAL SCIENCE

A. History - Outline Political Map of India

Lesson -3 Nationalism of India (1918-1930)

for locating and labelling / identification

## 1. Indian National Congress Sessions :

Calcutta (Sep. 1920)

Nagpur (Dec. 1920)

Madras (1927)

Lahore (1929)

## 2. Important Centres of Indian National Movement

(Non-cooperation and Civil Disobedience Movement)

i) Champaran (Bihar) - Movement of Indigo Planters

ii) Kheda (Gujrat) - Peasant Satyagrah

iii) Ahmedabad (Gujarat) - Cotton Mill workers Satyagraha

iv) Amritsar (Punjab) - Jallianwala Bagh Incident

v) Chauri Chaura (U.P.) - Calling off the Non Cooperation Movement

vi) Dandi (Gujrat) - Civil Disobedience Movement

## B. Geography

Outline Political Map of India

### Chapter 1 : Resources and Development

Identification only : Major Soil Types

### Chapter 3 : Water Resources

Locating and Labelling

#### Dams :

1) Salal

2) Bhakra Nangal

3) Tehri

4) Rana Pratap Sagar

5) Sardar Sarovar

6) Hirakud

7) Nagarjuna Sagar

8) Tungabhadra (Along with Rivers)

## Chapter 4 : Agriculture

### Identification only

- a) Major areas of Rice and Wheat
- b) Largest / Major producer states of sugarcane, Tea, Coffee  
Rubber, Cotton and Jute

## Chapter 5 : Mineral and Energy Resources

### Minerals (Identification only)

#### i) Iron ore mines

Mayurbhanj  
Durg  
Biladila  
Bellary  
Kudremukh

#### ii) Mica Mines

Ajmer  
Beawar  
Nellore  
Gaya  
Hazaribagh

#### iii) Coal Mines

Ranigaj      Singrauli  
Jharia      Singareni  
Bokaro      Neyvali  
Talcher  
Kobra

#### iv) Oil Fields

Digboi  
Naharkatia  
Mumbai High  
Bassein  
KaloI, Ankaleshwar

#### v) Bauxite Deposits

The Amarkantak Plateau  
Maikal Hills  
The Plateau region of  
Bilaspur-Katni  
Orissa Panchpatmali  
Deposits in Karaput district

#### vi) Mica Deposits

The Chota Nagpur Plateau  
Koderma Gaya Hazaribagh  
Belt of Jharkhand  
Ajmer  
Nellore mica belt

## **Power Plants**

(Locating and Labelling only)

### **a) Thermal :**

Namrup  
Talcher  
Singrauli  
Harduaganj  
Kobra  
Uran  
Ramagundam  
Vijaywada  
Tuticorin

### **b) Nuclear**

Narora  
Rawat Bhata  
Kakrapara  
Tarapur  
Kaiga  
Kalpakkam

## **Chapter 6 : Manufacturing Industries**

(Locating and Labelling only)

### **1) Cotton Textile Industries**

Mumbai  
Indore  
Ahmedabad  
Surat  
Kanpur  
Coimbatore  
Madurai

### **2) Iron and Steel Plants :**

Burnpur  
Durgapur  
Bokaro  
Jamshedpur  
Raurkela  
Bhilai  
Vijaynagar  
Bhadravati  
Vishakhapatnam  
Salem

**6) Software Technology Parks :**

Mohali  
Noida  
Jaipur  
Gandhinagar  
Indore  
Mumbai  
Pune  
Kolkata  
Bhubaneshwar  
Vishakhapatnam  
Hyderabad  
Bangalore  
Mysore  
Chennai  
Thriuvananthapuram

**International Airports :**

Amritsar (Raja Sansi)  
Delhi (Indira Gandhi International)  
Mumbai (Chhatrapati Shivaji)  
Thiruvananthapuram (Nedimacherry)  
Chennai (Meenam Bakkam)  
Kolkata (Netaji Subhash Chandra Bose)  
Hyderabad (Rajiv Gandhi)

**Chapter 7 Lifelines of National Economy**

Identification only : Golden Quadrilateral, North-South Corridor, East-West-Corridor

**National Highways**

NH-1  
NH-2  
NH-7

**Locating and Labelling Major Ports**

Kandla  
Mumbai  
Jawahar Lal Nehru  
Marmagao  
New Mangalore  
Kochi  
Tuticorin  
Chennai  
Vishkhapatnam  
Paradip  
Haldia  
Kolkata

Note : Items of location and labelling may also given for identification



## Subject : Science

### April

- L-1 Chemical Reactions & Eq. 1 (Half)
- L-6 Life processes (Half)
- L-12 Electricity (Half)

#### Practical

1. To prepare a temporary mount of Jeaf
2. To study relation btw V and I
3. To perform and observe the reactions to clarsity them.

### May

- Ch. 2 Acid, Base and salt (1)
- Ch. 1 Chemical Reactions (2 Half)
- Ch. 6 Life process
- Ch. 12 Electricity

#### Practical

1. To show photo synthesis
2. To show CO<sub>2</sub> releasel in Photo Synthesis
3. To find resistance in series and parallel

### July

- Ch. 2 Acid, Base and Salt (2)
- Ch. 7 Control and Co-ordination (Half)
- Ch. 13 Magnetic Effect of Current
- To Study properties of HCl and Na OH

### August

- Ch. 3 Metal and Non-Metal
- Ch. 7 Control and Cordination
- Ch. 14 Sources of Energy
- Ch. 15 Our Environment
- \* To observe the action of Zn, Fe, and Al, on given salt solution

## September

Ch. 10 Light (Introduction + Revision)  
Ch. 15 Revision  
Ch. 3 Revision

## October

Ch. 4 Carbon and its compounds  
Ch. 16 Management of Natural Resources  
Ch. 8 How to organisms reproduce

- \* To study binary fission.
- \* To determine local length mirror

## November

Ch. 4 Carbon and its compounds  
Ch. 8 Reproduction  
Ch. 10 Light  
Ch. 11 Human Eye (Intro)

- \* To trace path of ray of light (Slab)
- \* To trace path of ray of light (Prism)
- \* To study the comparative cleaning capacity of soap
- \* To determine local length of lens.

## December

Ch. 5 Periodic Classification  
Ch. 9 Heredity and evolution  
Ch. 11 Human Eye

- \* The study of homologous & Analogous organs

## Subject : Information Technology

<b>April</b>	Ch. 1 (Basic of Information Tehnology) (HTTP, FTP)
<b>May</b>	Information Tools (Ch. 2) (Record, Size)
<b>July</b>	Elements in HTML, Ch. 2, 3 (Size, Attributes)
<b>Aug.</b>	(XML), Ch. 3, 4 Xtensible, Makup Language
<b>Sep.</b>	XML Praser, Ch. 4, 5 (Viewing of XML)
<b>Oct.</b>	Societal Impacts of IT Healthcare, Sparms, Hackar
<b>Nov.</b>	Societal Impacts of IT (Part II) Digital Unity of data backup
<b>Dec.</b>	IT application, Unit IV HTML Topics
<b>Jan.</b>	Revision, Sample Paper
<b>Feb.</b>	Revision, Sample Paper
<b>Mar.</b>	Exam

# Maths

## Study Plan for Session 2019-20

<b>April</b>	Chapter 1	Real Number
	Chapter 2	Polynomials
<b>May</b>	Chapter 4	Quadratic Equations
	Chapter 3	Pair of Linear Equations in Two
<b>June</b>	Holiday	
<b>July</b>	Chapter 5	Arithmetic Progression
	Chapter 15	Probability
<b>PT - Ch. 1, 2, 3</b>		
<b>Aug.</b>	Chapter 8	Introduction to trigonometry
	Chapter 14	Statistics
<b>Sep.</b>	Chapter 7	Co-ordinate Geometry
	Chapter 9	Some Application of Trigonometry
<b>PT2 - 4, 5, 15, 8, 14</b>		
<b>Oct.</b>	Chapter 10	Circle
	Chapter 12	Area related to Circle
<b>Nov.</b>	Chapter 6	Triangle
	Chapter 11	Construction
<b>Dec.</b>	Chapter 13	Surface Area and Volume
<b>Pre-Board - All Chapters</b>		