

Syllabus for Class VII for the year 2011-12

SA - I

English Literature

SL.NO.	CONCEPT	TOPIC
1.	Understanding & sensitivity towards nature especially tigers.	Scratching the Tiger's Back (Poem)
2.	Appreciating humour & the spirit of adventure.	Adventures Around the World
3.	Appreciation of nature & seasons.	Rain in Summer (Poem)
4.	Friendship and Selflessness.	Saving my friend Ellen

English Grammar

SL.NO.	CONCEPT	TOPIC
1.	Proper structure/ understanding of the kinds & interchanging.	The Sentence
2.	Clarity of time / Proper usage of verbs.	Tenses
3.	Clear understanding of direct lines & Reported lines / Correct usage of Tenses & Punctuation.	Narration
4.	Vocabulary development	Antonyms
5.	Developing Reading & Comprehension skills/ Interpretation of Target answers.	Comprehension

English Writing Skill

SL.NO.	CONCEPT	TOPIC
1.	Format/ Proper usage of language & Imagination	Formal letter (application to the Principal), Informal letter.
2.	Observation/ assimilation of ideas/ coherency of thought/ Expression	Description of a Place

Maths

SL.NO.	CONCEPT	TOPIC
1.	Number System	a) Integers b) Fractions c) Decimals d) Rational numbers
2.	Combination of constant and Variables connected with 4 fundamental operations.	a) Algebraic Expression b) Linear equations in one variable.
3.	Basic concept of Geometrical figures.	a) Lines and Angles b) Properties of parallel

		lines
4.	Concept of perimeter and introduction to area of geometrical figures.	a) Area of rectilinear figures.

Science (Biology)

SL.NO.	CONCEPT	TOPIC
1.	Different modes of nutrition in plant photosynthesis	Nutrition in Plants. - Chapter1
2.	Digestion process, different modes of nutrition in animals	Nutrition in Animals - Chapter1
3.	Relation and effect of weather and climate on adaptive features.	Weather, Climate and Adaptation - Chapter 3
4.	Different types of respiratory systems, mechanism, products, reactions.	Respiration - chapter 4

Science (Physics)

SL.NO.	CONCEPT	TOPIC
1.	Moving bodies and their relation with time	Chapter - 14 - Motion and time
2.	Natural phenomena	Chapter - 15 - winds, storms and cyclones.
3.	Thermal energy	Chapter - 5 - Heat and its effect

Science (Chemistry)

SL.NO.	CONCEPT	TOPIC
1.	Methods of chemical Communication.	Chapter - 3 - Structure of matter
2.	Properties of chemical compounds	Chapter - 7 - Acids, Bases and Salts

Social Studies (History)

SL.NO.	CONCEPT	TOPIC
1.	Foreign invasion and introduction of Muslim rule in India in the 12 th Century.	The Delhi Sultanate
2.	Relationship between Media and Democracy	1. The Media and Democracy 2. Advertising

Social Studies (Geography)

SL.NO.	BROAD CONCEPT	SUB CONCEPT	TOPIC
1.	Realms of the Earth	A. Lithosphere	Chapter - 2- Structure of the Earth Chapter-3- Movements of the Earth Chapter - 4 - Landforms of the Earth
2.		B. Atmosphere	Chapter - 5- Composition & Structure of the Atmosphere Chapter -6- Elements of Weather &

			Climate
3.		C. Biosphere	Chapter – 1- Our Environment

Hindi 2nd Language Literature

SL.NO.	CONCEPT	TOPIC
1.	Reading & Writing Skill, Knowledge of the language, meanings & spellings.	Amrit Pathmala- 1. Yugantar Gandhi 2. Chota Jadugar 3. Jumman Darzi

Grammar

SL.NO.	CONCEPT	TOPIC
1.	Knowledge of language, Parts of speech, Knowledge of Vocabulary and its usage.	1. Upsarga & partyay 2. Samas 3. Sangya, Ling, Vachan, Karak Sarvanaam, Visheshan, Kriya 4. Paryayvachi, Anek shabdo ke liye ek shabda, Vilom Shabda, Samrupi bhinnarthak Shabda
2.	Writing Skills	Formal & Informal letter writing, Essays & unseen passage.

Hindi 3rd Language

SL.NO.	CONCEPT	TOPIC
1.	To be aware of sentence construction and literature	Amrit Hindi Pathmala - 1. Maa(poem) 2. Mera Parivar 3. Mahatma Gandhi (Extra Reading) 4. Padney Ka Shauk
2.	Knowledge of Grammar	1. Number, Gender, Opposites according to chapters. 2. Letter writing 3. Comprehension 4. Composition – Priya Neta Garmi Ke Din Mera Vidyalaya 5. Unseen Passage

Bengali 2nd Language Literature

SL.NO.	CONCEPT	TOPIC
1.	Reading & writing with spellings. Creative usage of language - imagination	Prose – Chelebela, Sradha o Bhakti. Poetry – Rajdharna, Gurudakshina, Sneher Joy. Aa Mantir Bhepu – 1 st seven chapter

Grammar

SL.NO.	CONCEPT	TOPIC
1.	Usage of language, vocabulary, rules of spellings	Grammar -Sandhi, Bisesaner Tarotamya, Samocharito bhinnarthak sabda, Suddha Banan. Comprehension, essay, letter. Story writing

Bengali 3rd Language

SL.NO.	CONCEPT	TOPIC
1.	Reading & writing with spellings. Learning textual Grammar. Usage of language, Vocabulary, Rules of spellings.	Choto Pakhi o Kalobiral, Mombati, Baro Mamar Bagh Shikar, Baner Khabor Palamon, Baner Khabor Sundarban
2.	Essay writing	Gris mokal, Amader Vidyalaya

Art

1. Composition on a subject with pencil shading
2. Craft work with different waste materials
3. Composition sketch with pencil or colour

Physical Education

1. March Past
2. Game (T.T., Basket Ball, Hand Ball, Khokho)
3. Physical Activity

Yoga

1. Sarbangasana
2. Matsasana

Dance

1. Modern and Creative style of Dance.
2. Classical – Kathak style, Odissi style , Hastak, Tatkar, Bole Paranth Kavith.
Odissi – Bhoomi Pranam, Chauka Bhamari.

- 2) Semi- Classical – Music based, Recitation, Dance Drama.
- 3) Tagore Style of Dance- a) Alokari Jharma Dhara
b) Aji Khela Bhangar Khela
c) Rim jhim Ghana
- 5) Folk dance – Bengal, Punjab, Maharashtra, Gujrat(Dandia), Ghumor
- 6) Contemporary –
a) Aerobics steps
b) Hip Hop
c) Fusion
d) Jazz
e) Be – Boaing
f) Salsa steps

Computer

- CHAPTER 1 : Elements of a computer system
CHAPTER 3 : Classification of computers
CHAPTER 4 : Creating professional documents in word

SA - II

English Literature

SL.NO.	CONCEPT	TOPIC
1.	Self-reliance & self- dependence	A grain as big as a hen's egg
2.	Appreciation of nature.	The Solitary Reaper(Poem)
3.	Keeping Commitments.	The Pied Piper of Hamelin(Poem)
4.	Sensitivity towards the differently abled.	On Being Sarah

English Grammar

SL.NO.	CONCEPT	TOPIC
1.	Clear understanding & usage of the verb with its subject.	Agreement of the verb with Subject.
2.	Placement of adverbs in a sentences.	Adverbs
3.	Learning the usage of linking words to join sentences	Conjunctions
4.	Development of vocabulary/ learning the meaningful use of words.	Words often confused & misused

English Writing Skill

SL.NO.	CONCEPT	TOPIC
1.	Development of Ideas & Information	Bio- sketch
2.	Expression of personal feeling, views & ideas/ format.	Diary Entry

English Reading Skill

SL.NO.	CONCEPT	TOPIC
1.	Developing Reading & Comprehension Skills/ & Interpretation of target	Comprehension

Maths

SL.NO.	CONCEPT	TOPIC
1.	Powers and Roots	a) Exponents
2.	Concept of Commercial mathematics.	a) Ratio and Proportion b) Unitary Method c) Percentage d) Simple Interest
3.	Concept of triangles	a) Properties of triangles b) Congruence
4.	Concept of circles	a) Circumference and area of Circles.

Science (Biology)

SL.NO.	CONCEPT	TOPIC
1.	Use of fibres, extensive understanding of different varieties of silk and wool & their production.	Fibres from animal - Chapter 1
2.	Need for transport, transport medium and channels.	Transportation of materials in plants and animals - Chapter 2
3.	Multiplication, types of reproduction, differences, detail process.	Reproduction in plants Chapter- 3
4.	Forest products, depletion, conservation.	Our Forest - Chapter- 4
5.	Innovative ideas of using water, saving water.	Waste water management - Chapter - 5

Science (Physics)

SL.NO.	CONCEPT	TOPIC
1.	Basic concept of electromagnetic wave	Chapter - 16 - Light
2.		Chapter - 17 - Electric current and its effects.

Science (Chemistry)

SL.NO.	CONCEPT	TOPIC
1.	Changes around us	Chapter - 8 - chemical changes
2.	Water : The Renewable Resource.	Chapter - 18 - Water - A Natural Resource.

Social Studies (History)

SL.NO.	CONCEPT	TOPIC
1.	Consolidation of Muslim rule in India	The Mughal Empire

2.	The functions of the Govt. at the state and central level	State Govt. - The legislative State Govt. - The Executive

Social Studies (Geography)

SL.NO.	BROAD CONCEPT	SUB CONCEPT	TOPIC
1.	Realms of the Earth	C. Hydrosphere	Chapter – 7 Distribution of major water bodies Chapter – 8- Ocean water
2.		D. Biosphere	Chapter – 9- Natural Vegetation & Wildlife Chapter- 10- Human Environment
3.		E. Human Adaptation under varied condition	Chapter – 11 – Life in the Desert Region Chapter -12- Life in Tropical & Sub- tropical region.

Hindi 2nd Language Literature

SL.NO.	CONCEPT	TOPIC
1.	Reading & Writing Skill, Knowledge of the language, meanings & spellings.	Amrit Pathmala- 1. Meri Pyari Hindi 2. Cycle ki Sawari 4. Taai

Grammar

SL.NO.	CONCEPT	TOPIC
1.	Basic Knowledge of language, Parts of speech, Knowledge of Vocabulary and its usage.	1. Vachya 2. Avikari Shabda 3. Viram Chinha 4. Paryayvachi, Anek shabdo ke liye ek shabda, Vilom Shabda, Samrupi bhinnarthak Shabda
2.	Writing Skills	Letter writing, Essays & unseen passage.

Hindi 3rd Language

SL.NO.	CONCEPT	TOPIC
1.	To be aware of sentence construction and literature	Amrit Hindi Pathmala - 1. Rakhi ka Tayohar (poem) 2. Bal- Diwas (Extra

		Reading) 3. Bhediya Aaya 4. Ja Fir Chuha Ho Ja
2.	Knowledge of Grammar	1. Number, Gender, Opposites according to chapters. 2. Letter writing 3. Comprehension 4. Composition – Dipawali Christmas Priya Khel 5. Unseen Passage

Bengali 2nd Language Literature

SL.NO.	CONCEPT	TOPIC
1.	Reading & writing with spellings. Creative writing, express ideas with own language	Prose – Jotshonar Rup, Baraph Bichano Deshe, Totakahini. Poetry – Debotar Biday, Ek Brinte Duti Phool, Siddharter Karuna. Am Antir Bhepu – Eight last chapter
2.	Usage of language, vocabulary, rules of spellings.	Grammar – Sandhi Samaser parthoko, Samas, Sandhi -Banjan, Bisorga. Comprehension, essay, letter writing

Bengali 3rd Language

SL.NO.	CONCEPT	TOPIC
1.	Reading & writing with spellings. Learning textual Grammar. Usage of language, Vocabulary, Rules of spellings.	Baner Khabor Sundarban, Projapatir Kotha, Damodorer Tire, Bagha Dakat.
2.	Essay writing	Shit Kal, Durga Pujo

Art

1. Composition on subject with water colour
2. Craft work from book
3. Composition with human figures

Physical Education

4. March Past
5. Game (T.T., Basket Ball, Hand Ball, Khokho)
6. Physical Activity

Yoga

- 1) Dhanurasana
- 2) Setubandhanasana

Dance

1. Modern and Creative style of Dance.
2. Classical – Kathak style, Odissi style , Hastak, Tatkar, Bole Paranth Kavith.
Odissi – Bhoomi Pranam, Chauka Bhamari.
- 4) Semi- Classical – Music based, Recitation, Dance Drama.
- 5) Tagore Style of Dance- a) Alokari Jharma Dhara
b) Aji Khela Bhangar Khela
c) Rim jhim Ghana
- 5) Folk dance – Bengal, Punjab, Maharashtra, Gujrat(Dandia), Ghumor
- 6) Contemporary –
 - a) Aerobics steps
 - b) Hip Hop
 - c) Fusion
 - d) Jazz
 - e) Be – Boaing
 - f) Salsa steps

Computer

- CHAPTER 6 : Working with spreadsheets – excel
CHAPTER 8 : Html – the language of web pages
CHAPTER 9 : Continue with html