

Syllabus for Class VIII for the year 2011-12

SA - I

English Literature

SL.NO.	CONCEPT	TOPIC
1.	Spirit of adventure	The gift of the King
2.	Childhood memories/ Appreciation of nature.	I Remember, I Remember (Poem)
3.	Feeling of Patriotism, Encouragement & Motivation.	Where the mind is without fear(Poem)
4.	Sensitivity towards animals.	Adolf

English Grammar

SL.NO.	CONCEPT	TOPIC
1.	Understanding & Application of articles, demonstrative adjective numerals to determine.	Determiners
2.	Differentiating, understanding & application of words suggesting tone & stress.	Modals
3.	Clear understanding of lines & Reported lines / Correct usage of Tenses & Punctuation.	Narration
4.	Application of various punctuation marks.	Punctuation marks
1.	Understanding & Application of articles, demonstrative adjective numerals to determine.	Determiners

English Writing Skill

SL.NO.	CONCEPT	TOPIC
1.	Format/ Proper usage of language share opinion on social issues.	Formal letter (Letter to the Editor)
2.	Format/ Use of technology of language.	e-mail
3.	Expression of ideas on a given topic/ proper expression.	Article for school magazine.

English Reading Skill

SL.NO.	CONCEPT	TOPIC
1.	Developing reading & Comprehension skills / Interpretation of target answers.	Comprehension

Maths

SL.NO.	CONCEPT	TOPIC
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1.	Number System	a) Rational numbers
2.	Powers and Roots	a) Exponents b) Square and Square roots
3.	Algebraic Expression	a) Operations on Algebraic expression b) Factorization
4.	Understanding shapes.	a) Quadrilaterals b) Parallelograms
5.	Concept of 3 dimensional geometry.	a) Three dimensional figures
6.	Mensuration	a) Area of trapezium

Science (Biology)

SL.NO.	CONCEPT	TOPIC
1.	Primary industry agriculture and its tools and techniques	Crop production - chapter 1
2.	Types of micro organism, their uses and harms caused by them.	Micro organism - chapter 2
3.	Different components of cell and functions of different organelles.	Cell structure and function - chapter 3

Science (Physics)

SL.NO.	CONCEPT	TOPIC
1.	Force and Pressure and its application in daily life.	Chapter - 11 - Force and Pressure
2.	Advantages and disadvantages of friction in daily life.	Chapter - 12 - Friction
3.	Basic idea of elastic wave	Chapter - 13 - Sound

Science (Chemistry)

SL.NO.	CONCEPT	TOPIC
1.	Properties and uses of Naturally occurring elements.	Chapter - 4 - Metal and Nonmetals
2.	Man made materials and their uses	Synthetic fibres and plastic.

Social Studies (History)

SL.NO.	CONCEPT	TOPIC
1.	India becomes a Br. Colony	Colonisation Of India The revolt of 1857 Our Fundamental rights and duties
2.	Importance of being an Indian citizen	

Social Studies (Geography)

SL.NO.	BROAD CONCEPT	SUB CONCEPT	TOPIC
1.	Man and Resource	A. Utilization of	1. Our Resources

		resources for agriculture	2. Land and Soil Resources 3. Water Resources 4. Agriculture and major Crops. 5. Agricultural Development: USA & India.
2.		B. Biodiversity	Natural Vegetation and Wildlife Resources.

Hindi 2nd Language Literature

SL.NO.	CONCEPT	TOPIC
1.	Reading & Writing Skill, Knowledge of the language, meanings & spellings.	1. Subhan Khan (story) 2. Nar ho na Nirash karo man ko(poem) 3. Nasha (story)

Grammar

SL.NO.	CONCEPT	TOPIC
1.	Knowledge of language, Parts of speech, Knowledge of Vocabulary and its usage.	1. Sandhi 1. Upsarg & partyay 2. Vachya 3. Samas 4. Paryayvachi, Anek shabdo ke liye ek shabda, Vilom Shabda, Shrutisam bhinnarthak Shabda, Muhavare & Lokaktiya.
2.	Writing Skills	Essay – a) Samay Ka Sadupayog b) Mobile aur Internet ke labh hani c) Parva evam Tyaohar Letter- a) Mitra Ke Janma din par Badhai Patra b) Nagar Nigam ke pas apane Kshetra ki Safai par patra

Hindi 3rd Language

SL.NO.	CONCEPT	TOPIC
1.	To be aware of sentence construction and literature	Amrit Hindi Pathmala - 1. Humko Gyan Do 2. Goraiya Aur Kauwa

		3. Hamare Puja Ghar (Extra Reading) 4. Acharya Chanakya
2.	Knowledge of Grammar	1. Number, Gender, Opposites according to chapters. 2. Letter writing 3. Comprehension 4. Composition – My Best Friend Rango Ka Tayohar Mera Vidyalaya

Bengali 2nd Language Literature

SL.NO.	CONCEPT	TOPIC
Sl. No.	Concept	Topic
1.	Reading writing with spelling.	Prose- Sakuntala Patigriha Jatra, Kamala Kante Sakhodan, Himalaye Bokhaya.
2.	Rhythm with meanings and spellings	Poetry- Prarthana, Bangladesh, Marichae Swarna Mrigorup Dharan.
3.	Reading and writing	Rapid- Dena Paona

Grammar

SL.NO.	CONCEPT	TOPIC
1.	Usage of language, Vocabulary, Rules of Spellings.	Samas o Sandhi Parthako, Samas o tar Prakar bhed – Karmodharay, Aboibhab, Digu, Danda Samas. Bakya o tar prakar bhed, Ek kothay Prakash, Sudho – Asudho, Essay writing.

Bengali 3rd Language

SL.NO.	CONCEPT	TOPIC
1.	Reading & writing with spellings. Learning textual Grammar. Usage of language, Vocabulary, Rules of spellings.	Sultaner Sahos, Bhomboler Budhi, Ashoka Poetry- Maalgari
2.	Usage of Language	Essay writing - Grismokal

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.
3. Semi- Classical – Music based, Recitation, Dance Drama.
4. 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 : Operating system
CHAPTER 2 : Computer viruses
CHAPTER 3 : Charts in excel
CHAPTER 5 : Managing databases – access 2000
CHAPTER 11 : E- commerce

SA - II

English Literature

SL.NO.	CONCEPT	TOPIC
1.	Relation between man and nature.	Lines written in Early spring.
2.	Over ambition in destructive.	Macbeth
3.	Human frailty in the sands of time.	Ozymandias
4.	Sensitivity towards animals.	The world in a wall

English Grammar

SL.NO.	CONCEPT	TOPIC
1.	Understanding of how the activity is transferred from the Subject to the	Active & Passive Voice

	object & vice-versa/ change is tenses.	
2.	Understanding the relation between the noun & other parts of the sentence.	Preposition after nouns, verbs & adjectives
3.	Understanding & placement of adverbs.	Comparison of Adverbs
4.	Development of Vocabulary.	Antonyms Idiomatic expressions

English Writing Skill

SL.NO.	CONCEPT	TOPIC
1.	Development of ideas & information.	Bio-sketch
2.	Expression of subjective feelings, views & ideas / format.	Diary Entry

English Reading Skill

SL.NO.	CONCEPT	TOPIC
1.	Developing reading & Comprehension skills / Interpretation of target answers.	Comprehension

Maths

SL.NO.	CONCEPT	TOPIC
1.	Powers and Roots	a) Cube and cube roots
2.	Algebraic Expressions	a) Linear equations
3.	Commercial Mathematics	a) Profit and loss b) Compound Interest c) Ratio and proportion d) Time and Work
4.	Construction	a) Construction of Quadrilateral
5.	Mensuration	a) Volume and surface area of solids.

Science (Biology)

SL.NO.	CONCEPT	TOPIC
1.	Red data book, categorisation of plants and animals according to vulnerability and conservation.	Conservation of plants and animals - chapter - 1
2.	Different modes of reproduction, sexual reproduction, fertilization.	Reproduction in animals - chapter -2
3.	Hormonal control, changes and problems of adolescence.	Reaching the age of adolescence

Science (Physics)

SL.NO.	CONCEPT	TOPIC
1.	Natural phenomena	Chapter - 16- Light Chapter- 17 - Refraction and Dispersion of light

Science (Chemistry)

SL.NO.	CONCEPT	TOPIC
1.	Fossil fuels	Chapter – 5 – Coal and Petroleum
2.	Combustion : A chemical phenomenon	Chapter- 6 Combustion and Flame

Social Studies (History)

SL.NO.	CONCEPT	TOPIC
1.	Dissatisfaction under Br. Rule and transformation of the National movement into a mass movement.	1. Rise of Indian Nationalism 2. National Movement – fulfillment

Social Studies (Geography)

SL.NO.	BROAD CONCEPT	SUB CONCEPT	TOPIC
1.	Man and Resource	A. Minerals and Industries	Chapter:5 :Mineral and Power resources Chapter : 8 : Manufacturing Industries Chapter: 9 : Industrial Development
2.		B. Man and Nature	Chapter : 10: Human Resources Chapter : 11: Understanding Disaster Management

Hindi 2nd Language

Literature

SL.NO.	CONCEPT	TOPIC
1.	Reading & Writing Skill, Knowledge of the language, meanings & spellings.	Literature- 1. Bhaolaram ka Jiv(story) 2. Neelakanth(story) 3. Raskhan ke Savaiyen

Grammar

SL.NO.	CONCEPT	TOPIC
1.	Basic Knowledge of language, Parts of speech, Knowledge of Vocabulary and its usage.	1. Vakya Vichar 2. Alankar 3. Pad Parichay 4. Paryayvachi, Anek shabdo ke liye ek shabda, Vilom Shabda, Shrutisam bhinnarthak

		Shabda, Muhavare aur Lokaktiya
2.	Writing Skills	Essay – a) Mera Jeevan Ka Lakshya b) Khel - Kud Letter- a) Pustak Bikreta Ke Pas Patra b) Parivahan Nigam Ke Pas Patra

Hindi 3rd Language

SL.NO.	CONCEPT	TOPIC
1.	To be aware of sentence construction and literature	Amrit Hindi Pathmala - 1. Maa Dharti 2. Rashtriya Dwaja (Extra Reading) 3. Idgaah
2.	Knowledge of Grammar	1. Number, Gender, Opposites according to chapters. 2. Letter writing 3. Comprehension 4. Paragraph writing – a) Christmas b) Priya Khel c) Meri Pehli Railyatra

Bengali 2nd Language Literature

SL.NO.	CONCEPT	TOPIC
1.	Reading & writing with spellings.	Prose- Gauri Tewarir Maye, Khajanchi babu, Dai. Rapid- Galpo guncha, Kabuliwala.
2.	Reading, writing with rhythm	Poetry – Sabdhan Sabdhan, Kajladidi.

Bengali 2nd Language Grammar

SL.NO.	CONCEPT	TOPIC
1.	Usage of language, Vocabulary, Rules of Spellings.	Samas, Saral, jatil and jaugik bakyo, Transformation of sentences, Sudho-Asudho, Sandhi, Essay and Letter writing.

Bengali 3rd Language

SL.NO.	CONCEPT	TOPIC
1.	Reading & writing with spellings. Learning textual Grammar. Usage of language, Vocabulary, Rules of spellings.	Shershah, Willium Johnes, Ghasher Dada Bash Poetry- Ranner Kanna.
2.	Usage of Language	Essay writing - Tomar School, Durga Pujo.

Art

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

Physical Education

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

Yoga

- 1) Dhanurasana
- 2) Setubandhanasana

Dance

3. Modern and Creative style of Dance.
4. Classical – Kathak style, Odissi style , Hastak, Tatkar, Bole Paranth Kavith.
Odissi – Bhoomi Pranam, Chauka Bhamari.
- 3) Semi- Classical – Music based, Recitation, Dance Drama.
- 4) 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 : Html – adding lists to your web pages
CHAPTER 7 : Html – inserting images to your web pages
CHAPTER 8 : Computer networking
CHAPTER 9 : Local area networks