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

ENGLISH PAPER 1 (LANGUAGE)

Refer to ICSE 2017 Regulations and Syllabus Book.

Books:
1. A Comprehensive Grammar of Current English by Joseph, Myall, Biswas (Inter University)
2. ICSE Total English Class IX (Morning Star)

1st Assessment:
Essay: At least 2
Letter: At least 2 (formal and informal)
Comprehension: At least 2 (from Total English)
Grammar:
1. Transformation of sentences
2. Tense
3. Verbs
4. Preposition
5. Joining of sentences
Internal Assignment within June, 2016.

2nd Assessment:
Essay: At least 2
Letter: At least 2 (formal and informal)
Comprehension: At least 2 (from Total English)
Grammar:
1. Agreement of the Verb with the Subject.
2. Transformation of sentences Revision of all Chapters of 1st Assessment Internal Assignment within October, 2016.
3rd Assessment:
Essay: At least 2
ENGLISH PAPER 2 (LITERATURE)

Refer to ICSE 2017 Regulations and Syllabus Book.

Books:
1. The Merchant of Venice (OUP)
2. ICSE A Collection of Poems & Short stories (Inter University Press Pvt. Ltd)
3. Work book cum notes on ICSE Poems (IUP)
4. Work book cum notes on ICSE Short Stories (IUP)
5. The Merchant of Venice Workbook (IUP)

1st Assessment
1. Drama: The Merchant Of Venice
   Act I (All Scenes)
   Work Book: Selected workbook extracts from corresponding Text Book.
2. ICSE Collection of Poems & Short Stories Poems:
   Ch.1: Where the Mind is Without Fear,
   Ch.2: The Inchcape Rock
   Ch.3: In the Bazaars of Hyderabad
   Prose: Revision
   Ch.1: India's Heroes
   Ch. 2: Journey by Night
   Ch. 3: Hunger

Work Book: Selected workbook extracts from corresponding textbooks Internal Assignment within June, 2016.

2nd Assessment
Drama: The Merchant of Venice
Act II (All Scenes)
ICSE Collection of Poems & Short stories (IUP)
Poems:
   Ch. 4: Small Pain in My Chest
   Ch.5: The Professor
   Prose: Revision
   Ch. 4: My Lost Dollar.
   Ch.5: God lives in the Panch
   Ch. 6: The Last Leaf
   Ch.7: The Kabuliwala
Work Book:
Selected extracts from corresponding textbooks.
Revision: Everything done in 1st Assessment (Drama, Poetry & Prose) Internal Assignment within October, 2016.
3rd Assessment (All Scenes)
Drama: The Merchant of Venice
Act III
ICSE Collection of Poems & Short stories
Poem:
   Ch. 6: Stopping by Woods On A Snowy Evening
   Prose : Revision ch. 8: The Bet
   Ch. 9: The Tiger in the Tunnel
   Ch. 10: Princess September
Work Book: Selected extracts from corresponding textbooks
Revision: Everything done in 1st Assessment and 2nd Assessment.
(Drama, Poetry & Prose)
Internal Assignment within February, 2017.
MATHMATICS
Refer to ICSE 2017 Regulation and Syllabus Book Books:
   i) A Complete Textbook of ICSE Mathematics Part – I (For class –IX) by D. K. Bhattacharyya (Allied Publisher).

1st Assessment
1. Pure Arithmetic
   i) Irational Numbers
2. Commercial Mathematics
   i) Compound Interest
3. Algebra.
   i) Expansions
   ii) Factorisation
   iii) Simultaneous Linear Equation.
4. Geometry
   i) Triangles and its congruency
5. Statistics
   i. Collection and Tabulation of data.
   ii. Mean and Median of Ungrouped data.
Internal Assessment: Any one project from the prescribed syllabus to be completed within October 2016.

2nd Assessment
3. Algebra
   iv) Indices / Exponents.
4. Geometry
   ii) Mid Point Theorem
   iii) Pythagoras Theorem
   iv) Rectilinear Figures
   v) Theorems on Area
5. Statistics

PHYSICS
Refer to ICSE 2017 Regulation and Syllabus Book Books:
1. Concise I.C.S.E. Physics part 1 for class IX (Selina)
2. A book of numerical in Physics ICSE IX (Suryansh)
3. Concise Physics work book cum test papers. Selina (Class IX. 2017)
4. The New Millenium Illustrated Diet, of Science.(GBP)

1st Assessment
1. Measurements and Experimentation- (A, B)
2. Motion in one dimension(A, B)
3. Laws of motion-(A, B, C, D)
   Selected Numericals to be done from Book of Numerical in Physics.
   Work book: Relevant chapters on the above mentioned topics.
   Dictionary: Pgs: 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17, 18, 19, 24, 25.

2nd Assessment
4. Fluids - (A, B) 2 (A, B, C)
5. Heat - (A, B, C, D)
6. Light - (A, B, C, D)
   Selected Numericals to be done from Book of Numerical in Physics.
   Work book: Relevant chapters on the above mentioned topics.
   Dictionary: Pgs. 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 40, 41, 42, 43, 46, 47, 48, 49.
   Revision: Ch. 2, Ch. 3

3rd Assessment
7. Sound - (A, B)
8. Electricity and Magnetism -1 (A, B, C), 2 (A, B)
   Dictionary:
   Pgs. 20, 21, 56, 57, 60, 61, 62, 63, 64, 65, 72, 73, 74, 75, 78, 79.
   Work book: Relevant chapters on the above mentioned topics.
   Revision: Ch. (3), Ch. (4), Ch. (5), Ch. (6)
   Everything mentioned in ICSE (2017) Syllabus Book (Class-IX)
   Physics Practical

1st Assessment
According to Regulations and syllabus 2017.
Exp. No. 1, 2, 3, 4, 5, 6
Practical File for internal assignment has to be completed within 17th July, 2015.

2nd Assessment
According to Regulations and syllabus 2017.
Exp. No. 7, 8, 9, 10, 13
Practical File for internal assignment has to be completed within 12th November, 2015.

3rd Assessment
According to Regulations and syllabus 2017.
Exp. No. 11, 12.
Practical File for internal assignment has to be completed within 15th January, 2016.

CHEMISTRY
Books:
1. Concise Chemistry Part I for Class IX (Selina Publishers)
2. Chemistry Workbook cum Test papers for Class- IX (Selina Publishers)
3. Book of Numerical in Chemistry (Suryansh Publishers)
Refer to ICSE 2017 Regulation and Syllabus Book.

1st Assessment
1. Matter and its composition
2. Study of Gas Laws
3. Elements, Compounds and Mixtures
4. The language of Chemistry
   Workbook: Chapters 1, 2, 3, 4.
   Book of Numericals in Chemistry to be used as required.
2nd Assessment
5. Physical and chemical changes
6. Water
7. Atomic Structure
8. The Periodic Table
Workbook: Chapters 5, 6, 7, 8.
Revision: Ch. 2: Study of Gas Laws
Ch. 4: The Language of Chemistry
Book of Numericals in Chemistry to be used as required.

3rd Assessment
9. Study of the first Element - Hydrogen
10. Atmospheric pollution
Workbook: Chapters 9, 10.
Revision: Ch. 2: Study of Gas Laws
  Ch. 3: Elements, Compounds and Mixtures
  Ch. 4: The Language of Chemistry
  Ch. 5: Physical and chemical changes
  Ch. 7: Atomic Structure
  Ch. 8: The Periodic Table
Book of Numericals in Chemistry to be used as required.

CHEMISTRY PRACTICAL
Book:
ICSE Together with Chemistry Lab Manual (IX) by Pankaj Kumar Singhal (RachanaSagar Pvt. Ltd.)
Refer to ICSE 2017 Regulation and Syllabus Book.

1st Assessment
1. Recognition and Identification of gases as mentioned in ICSE 2017 Regulations and Syllabus.
2. Observation and Identification of products on heating of unknown substances as mentioned in ICSE 2017 Regulation and Syllabus.
Practical File for internal assignment has to be completed within July, 2016.

2nd Assessment
3. Action of dilute sulphuric acid to unknown substance - (a), (b), (c) as mentioned in ICSE 2017 Regulation and Syllabus.
4. Application of Flame test for identification of metallic radicals – (a), (b), (c) as mentioned in ICSE 2017 Regulation and Syllabus.
5. Percentage composition determination of a mixture of powdered salt and water washed sand.
6. Simple experiments based on hard water and soft water.
Practical File for internal assignment has to be completed within November, 2016.

3rd Assessment
7. Sources of pollution of water bodies and determination of quality of water in the locality.
Practical File for internal assignment has to be completed within January, 2017.
BIOLOGY

Refer to ICSE 2017 Regulation and Syllabus Book Books:
1. Concise Biology Part I, by H.S Vishnoi (Selina)
2. Concise Biology Workbook Part I (Selina)
3. The Millennium Illustrated dictionary of Science (Goyal Brothers Prakashan)

1st Assessment
Ch.1: Introducing Biology
Ch-2. The cell
Ch-3. Tissues
Ch-4. Vegetative propagation
Ch-5. Flower
Ch-6. Pollination and Fertilisation
Ch-12. Nutrition
Ch-13. Digestive system


2nd Assessment
Ch-7. Seeds- Structure and Germination
Ch-8. Respiration in Plants
Ch-9. Ecosystems
Ch-10. Five kingdom classification.
Ch-11. Economic importance of Bacteria and fungi
Ch-16. Respiratory System.

3rd Assessment
Ch-14. Movement and Locomotion
Ch-15. Structure and functions of skin
Ch-17: Diseases: cause & control
Ch-18: Hygiene
Ch-19: Waste generation and Management


Revision:
Ch.1: Introducing Biology
Ch-2. The cell
Ch-5. Flower
Ch-12. Nutrition
Ch-13. Digestive system
Ch-9. Ecosystems
Ch-7. Seeds- Structure and Germination
Ch-16. Respiratory System.

BIOLOGY PRACTICAL
Book:
ICSE Together with Biology Lab Manual (RachanaSagar) Refer to ICSE 2017 Regulation and Syllabus Book
1st Assessment
Plant Life (i) to (iii)
Animal Life (i), (iii), (vii)
Practical File for internal assignment has to be completed within July, 2016.

2nd Assessment
Animal Life (ii), (iv) and (viii)
Practical File for internal assignment has to be completed within November, 2016.

3rd Assessment
Animal Life (v) and (vi)
Practical File for internal assignment has to be completed within January, 2017.
Everything mentioned in the ICSE (class IX) 2017 syllabus Book.
History and Civics (H.C.G. Paper 1)
Refer to I.C.S.E 2017 Regulations and Syllabuses Book: Total History and CivicsICSE Class IX
Morning Star

HISTORY & CIVICS

1st Assessment :

SECTION A: Civics
1. Our Constitution.
2. Salient features of the Constitution I - II
   Chapters: (1, 2, 3)
SECTION B : History
1. The Harappan Civilization.

2. The Vedic Period
3. India in the 6th Century B.C. Rise of Jainism and Buddhism.
   Chapters: (1,2,3,)
   Internal Assignment to be completed within June, 2016

2nd Assessment
SECTION A: Civics
4. Elections and Political Parties (a), (b)
   Chapters: (4)
SECTION B: History
4. The Mauryan Empire
5. The Age of the Guptas
7. Medieval India (a)
8. Medieval India (b)
9. The Mughal Empire.
   Chapters:(4,6,7,8,9,)
   Revision: Civics (1,2,3)
   History (1,2,3)
   Internal Assignment to be completed within October, 2016

3rd Assessment
SECTION A: Civics
5. Local Self Government (i)
6. Local Self Government (ii)
   Chapters: (5, 6)
   Revision: Civics: (1, 2, 4)
SECTION B
HISTORY
9. The Beginning of the Modern Age in Europe(A,B,C)
   Chapters:(11,12,13)
   Revision:(4,6,7,8,9)
   Internal Assignment to be completed within February, 2017
**GEOGRAPHY (H.C.G. PAPER 2) CLASS : IX**

Books:
Refer to I.C.S.E 2017 Regulations and Syllabuses
1. Expeditions Geography for ICSE (Longman)
2. ICSE Map Reading. (Suryansh)

**1st Assessment**
1. The Earth as a planet
2. Geographic Grid
3. The Motions of the Earth
4. Structure of the Earth
5. The Land forms of the Earth
6. Rocks
18. Natural regions of the World.
Map Work - World.
i. Major natural regions of the world, ii. Oceans, seas, gulfs, iii. Rivers
Internal Assignment: Project- Topic to be given in class.

**2nd Assessment**
7. Volcanoes
8. Earthquakes
9. Weathering and Denudation
10. Hydrosphere
11. Composition and structure of Atmosphere
12. Insolation
13. Atmospheric Pressure and wind system.

**Revision : Ch 4,5,6.**
Map work - India: Mountains and Plateaus, Water Bodies, Rivers.
Contour Map: Scale, Direction, Distance and Area measurement & Definitions. Internal Assignment: Practical - Reading and using statement of scale, Graphic scale and scale shown by representative fraction method.

**3rd Assessment**
14. Humidity and Precipitation
15. Types of pollution
16. Pollution – Sources and major pollutants
17. Effect of pollution
Revision: Ch-9, 12, 13, 4, 5, 6, 18
Book 3:
Contour map: Conventional symbols & Definitions.
Map of India (2nd Assessment)
Internal Assignment: Practical- Uses of important types of maps. (February, 2016)

**COMPUTER APPLICATIONS**
Refer to ICSE 2017 Regulation and Syllabus Book - Books:
1. ICSE Computer Applications IX by Sumita Arora. (DhanpatRai & Co.)
2. Divine Ray Computer Applications Class IX (PractiseProgramme Lab Manual.)
Periodical 1:
Ch-1. Introduction to operating system.
Ch-14 Understanding object and classes
**Syllabus : 2016-17**

**Assessment 1:**
Ch-1. and Ch-14.
Ch-2. Graphic user Interface
Ch-15. Introducing Java on Blue J environment
Ch-16. Values and types in Java
Ch-17. Operators and Expressions in Java
Practical:
- Introducing Java on Blue J environment
- Values and types in Java
- Operators and expressions in Java

**Periodical 2:**
Ch-3. The Internet
Ch-19. Java selection statements

**Assessment 2:**
Ch-3. And Ch-19.
Ch-6 MS word I – Word processing Basics
Ch-7 MS word II – Formatting, Printing and getting help
Ch-8 MS word III – Advanced features
Ch-9 MS Excel I
Ch-10 MS Excel II
Ch-20 Java Iteration (looping) Statements
Practical:
- MS word
- MS Excel
- MS Powerpoint
- Java Selection statements
- Java Iteration (looping) Statements

**Assessment 3:**
Ch-4 Internet Services
Ch-5 Computing and Ethics

**Ch-11 MS Power point**
Ch-12 MS Access I
Ch-13 MS Access II
Ch-18 Methods/Functions in Java
Revision – Ch-14, Ch-15, Ch-16, Ch-17, Ch-19 and Ch-20.
Practical:
- MS Access
- Values and types in Java
- Operators and Expressions in Java
- Java Selection Statements
- Java Iteration (looping) Statements
- Methods/ Functions in Java

**COMMERCIAL APPLICATIONS**
Book: ICSE Commercial Applications For ICSE Class IX, Vol-I by C. B. Gupta (Goyal Brothers Prakashan)
Refer to ICSE 2017 Regulation and Syllabus Book
1st Assessment
1. Introduction to Commercial Organisation.
   a) Definition and basic understanding of terms like commerce, business, industry, trade, organisation, firm and company. Meaning of commercial organisation.
2. Classification according to activities, objectives and ownership structures. (Ch-1, 2, 3, 4, 5, 6)
3. Environmental awareness (Ch-13, 14)
Internal Assignment to be completed within June, 2016.

**2nd Assessment**
1. Practices for conservation of Resources (Ch-15)
2. Functioning of a Commercial Organisation. (Ch-7)
3. Business Communication (Ch-8, 9,10)  
Revision of chapters 1, 2, 3, 8 and 14 from the 1st Assessment syllabus. Internal Assignment within October 2016.

3rd Assessment  
1. Industrial Pollution and Degradation of Environment (Ch-16)  
2. Nature and Terminology of Accounting (Ch-11)  
3. Accounting Records (Ch-12)  
Revision of chapters 1, 2, 3, 4, 5, 8, 9, 10 and 13 from 1st and 2nd Assessment syllabus.

2ND LANGUAGE HINDI  
पुस्तकें-  
1. सरस हिंदी व्याकरण आई. सी. ई. (एवरग्रीन पत्रिकेश्वर संसार इंडिया लिमिटेड)  
2. आई. सी. एस. ई. साहित्य सागर (एवरग्रीन पत्रिकेश्वर संसार इंडिया लिमिटेड)  
3. आई. सी. एस. ई. साहित्य सागर अभ्यास पुस्तिका (एवरग्रीन पत्रिकेश्वर संसार इंडिया लिमिटेड)

1st Assessment  
1. (भाग-क) सरस हिंदी व्याकरण-  
अपठित गद्य, निबंध, पत्र लेखन, मुहावरे एवं लोकोक्तियों, पर्यायवाची शब्द, विलोम शब्द, अनेक शब्दों के लिए एक शब्द, उपसर्ग, प्रत्यय।
2. (भाग-ख) आई. सी. एस. ई. साहित्य सागर-  
संक्षिप्त कहानियाँ- पाठ १- बाल अठनी की, पाठ २- काद्री,

2nd Assessment  
1. (भाग-क) सरस हिंदी व्याकरण- अपठित गद्य, निबंध, पत्र लेखन, मुहावरे एवं लोकोक्तियों, पर्यायवाची शब्द, विलोम शब्द, अनेक शब्दों के लिए एक शब्द, उपसर्ग, प्रत्यय।
2. (भाग-ख) आई. सी. एस. ई. साहित्य सागर-  
संक्षिप्त कहानियाँ- पाठ-६ बड़े पर की कहानी, पाठ-७-सेंदे।  
पद्धति- पाठ-६-सूर के पद, पाठ-७- विन के पद।  
पुनरावृत्ति- सभी पाठ प्रथम एवं द्वितीय परिशोध।

Everything mentioned in I.C.S.E. Syllabus Book.  
Internal Assignment within February 2016
পাঠপুস্তক:
1. সংকলিতা (A Collection of ICSE Short Stories and Poems) - (পাওয়ার পাবলিকেশন)
2. সংকলিতা ব্যাকরণ (পাওয়ার পাবলিকেশন)
3. ঠাকুরের পাহাড় - বিভিন্ন বর্ণান্তরের বন্দোবস্ত (সিগন্টে প্রেস)
4. ভাষা প্রস্তুত (নবম ও দশম) - সিরাজুল ইসলাম (আশা বুক এজেন্সি)

Section : A
1st Assessment
রচনা, পত্র রচনা, বোধ পরীক্ষণ (Unseen)
ব্যাকরণ - ৬, শর্ত বাক্যের সংস্করণ, শ্রেণীবিভাগ, ৭, শর্ত বাক্য উৎসগত শ্রেণীবিভাগ
বা বাংলা বাষ্পভাব, ১০, উপসর্গ, ১২, বাচ্চা, ৭, সংসার ও শিষ্ট চলিত, 
৩, বর্ণ ও বর্ণের প্রকাশ, ৪, গল্প, ৬, লিখি পরীক্ষণ।
Internal Assignment within June 2016

2nd Assessment
রচনা, পত্র রচনা, বোধ পরীক্ষণ (Unseen)
ব্যাকরণ - ১৩, বাক্যের নির্মাণের শর্ত ও বাক্যের শ্রেণীবিভাগ, ১৪, উক্তি পরীক্ষণ,
১৯, একই শব্দের বিভিন্ন অর্থে ব্যবহার, ১৭, বানান সংক্রান্ত নিয়মাবলী ও 
বাক্য গঠনের সাধারণ তুলনা, ১৮, ব্যক্তি, ২১, বিপরিততার্কিক শব্দ।
Revision : 1st Assessment - এর সমস্ত অধ্যায়।

3rd Assessment
রচনা, পত্র রচনা, বোধ পরীক্ষণ (Unseen)
ব্যাকরণ - ২০, বাক্য/বাক্যাংশের সংকলন বা এক কথায় প্রকাশ, ২৫, বাগান্তব্রা 
ও প্রবাদ প্রচলন, ২২, সমাজতান্ত্রিক ভিত্তিক শব্দ, ২৩, সমাজীক শব্দ, ২৪, বিবিধ চিহ্ন।
Revision : 1st Assessment এবং 2nd Assessment - এর সমস্ত অধ্যায়।

Section : B
1st Assessment
1. সংকলিতা - কোট গল্প। ১. পরিকল্পনা, ২. লালু, ৩. বাবা ও কবিতা । ১. 
কথ্যমূল্য প্রতিরোধ, ২. কথার প্রতি।
2. সংকলিতা ওয়ার্কশোপে উন্মুক্ত ছোট গল্প ও কথিত আগ্রহ অংশের অনুশীলন।
3. ঠাকুরের পাহাড় - ১ থেকে ৩ অধ্যায় (৯ থেকে ৪২ পাতা পর্যন্ত)
Internal Assignment within June 2016

2nd Assessment
1. সংকলিতা - কোট গল্প। ৪. কানাদাসার, ৬. অহিয়ালী, 
৭. দেবতার জঙ্গ।
১. কবিতা । ৩. কনিজের, ৪. আবার আমি ফিরে
2. সংকলিতা ওয়ার্কশোপে উন্মুক্ত ছোট গল্প ও কথিত আগ্রহ অংশের 
অনুশীলন।
3. ঠাকুরের পাহাড় - ৪ থেকে ৬ অধ্যায় (৪২ পাতা থেকে ৮৭ পাতা পর্যন্ত)
Revision : সংকলিতা এবং ঠাকুরের পাহাড় - এর 1st Assessment - এর 
সম্পূর্ণ Syllabus.
Internal Assignment within October 2016

3rd Assessment
1. সংকলিতা - কোট গল্প। ৯. গৃহীতা খুব সুন্দর জনক
 ২. কবিতা । ৫. সিদ্ধি, ১০. খোল।
2. সংকলিতা ওয়ার্কশোপে উন্মুক্ত ছোট গল্প ও কথিত আগ্রহ 
অংশের অনুশীলন।
3. ঠাকুরের পাহাড় - ৭, ৮, ৯ অধ্যায় (৮৭ পাতা থেকে ১২৭ পাতা পর্যন্ত)
Revision : সংকলিতা এবং ঠাকুরের পাহাড় - এর 1st Assessment ও 2nd
Assessment - এর সম্পূর্ণ Syllabus.
Internal Assignment within February 2016

**SUPW**

**1ST Assessment**
- Emboss Painting
- Bamboo Work
- Drawing (Scenery)
- Projects

**2nd Assessment**
- Dyeing and Printing
- Plaster of Paris Work
- Projects

**3rd Assessment**
- First Aid
- Hot Mat Newspaper Craft
- DIY Craft
- Drawing (Composition)
- Visit to a Historical Place

**P.T.**

**1st Assessment**
2. Jogging
3. General warm-up exercises (head-to-toe)
4. Marching on command

5. Agility workout
6. Games: Chess
7. Games: Kho-Kho

**2nd Assessment**
1. Chapter 2: Athletics & Abbreviations.
2. General warm-up exercises (head-to-toe)
3. Agility Workout
4. Broad jump and modified high jump
5. Track & Field events
6. Games: Football
7. Games: Carrom

**3rd Assessment**
1. Chapter 3: Nutrition, Weight control and Exercise
2. Jogging
3. Bent knee sit-ups
4. Agility Workout
5. Push-ups and Pull-ups
6. Marching on command
7. Games: Badminton