

Syllabus at a glance – Grade 7



DON BOSCO
INTERNATIONAL SCHOOL

ACADEMIC INFORMATION

2017-2018



ENGLISH

AIMS & OBJECTIVES:

Reading

- Develop broad reading skills
- Demonstrate understanding of explicit meaning in texts
- Demonstrate understanding of implicit meaning in texts
- Explain, comment on and analyse the way writers use stylistic and other features of language and structure in texts
- Recognise conventions and evaluate viewpoint, purpose, themes and ideas in texts

Writing

- Develop broad writing skills
- Select and develop content and use register and language appropriate to genre, purpose and Audience
- Structure and organise ideas coherently using sections and paragraphs
- Use a range of sentence structures and punctuation accurately to convey meaning and create particular effects
- Use accurate spelling

Speaking and listening

- Articulate experience and express what is thought, felt and imagined
- Present facts, ideas and opinions in a sustained, cohesive order
- Communicate clearly, fluently and purposefully as an individual and in dialogue with other speakers
- Use register appropriate to audience and context
- Listen to and respond appropriately to the contributions of others

SKILLS:

- Self-Management
- Communication
- Social Skill
- Thinking skills
- Writing Skill
- Reading Skill

TEXT BOOKS: Cambridge Checkpoint English Course book 1 and 2
Cambridge Checkpoint English Workbook 2

Private circulation only for Don Bosco International students



PLAN AT A GLANCE

FIRST TERM 3 rd July, 2017 – 30 th November 2017	SECOND TERM 4 th December 2017 – 27 th April 2018
1. Letter writing/recap of grammar concepts	1. Non-fiction-diary entry
2. Story setting/elements of a story	2. Summary writing
3. Narrative tension/dramatic tension	3. Book review/movie review
4. Non-fiction - leaflet, blog, newspaper article	4. Myths and legends/grammar concepts(contd.)
5. Report writing/debate	5. Fiction-Story writing
6. school magazine project	6. Narrative structure/character types
7. Poetry-compare and contrast different poems	7. Television news
8. Poetry-critical analysis /exploring poetic styles	8. Creating DBIS school news programme

EVALUATION PATTERN

FIRST TERM 3 rd July, 2017 – 30 th November 2017	SECOND TERM 4 th December 2017 – 27 th April 2018
Topic	Topic
<u>FORMATIVE EVALUATION</u>	<u>FORMATIVE EVALUATION</u>
<u>20 Marks</u>	<u>20 Marks</u>
Letter writing/Recap of grammar concepts	Non-fiction: Diary Entry
<u>SUMMATIVE EVALUATION</u>	<u>SUMMATIVE EVALUATION</u>
<u>80 Marks</u>	<u>80 Marks</u>
First Term Syllabus	First and Second Term Syllabus



MATHEMATICS

AIMS & OBJECTIVES:

- To develop their mathematical knowledge and oral, written and practical skills in a way which encourages confidence and provides satisfaction and enjoyment
- To read mathematics, and write and talk about the subject in a variety of ways
- To develop a feel for number, carry out calculations and understand the significance of the results obtained
- To apply mathematics in everyday situations and develop an understanding of the part which mathematics plays in the world around them
- To solve problems, present the solutions clearly, check and interpret the results
- To develop an understanding of mathematical principles
- To recognise when and how a situation may be represented mathematically, identify and interpret relevant factors and, where necessary, select an appropriate mathematical method to solve the problem
- To use mathematics as a means of communication with emphasis on the use of clear expression
- To develop an ability to apply mathematics in other subjects, particularly science and technology
- To develop the abilities to reason logically, to classify, to generalise and to prove
- To appreciate patterns and relationships in mathematics
- To produce and appreciate imaginative and creative work arising from mathematical ideas
- To develop their mathematical abilities by considering problems and conducting individual and co-operative enquiry and experiment, including extended pieces of work of a practical and investigative kind
- To appreciate the interdependence of different branches of mathematics 15. acquire a foundation appropriate to their further study of mathematics and of other disciplines.

SKILLS:

- **Problem Solving:** Develop, select, apply and compare a variety of problem solving strategies as they pose and solve problems and conduct investigations to help deepen their mathematical understanding
- **Reasoning and proving:** Develop and apply reasoning skills to make mathematical conjectures, assess conjectures and justify conclusion and also plan and construct organized mathematical arguments.
- **Reflecting:** Demonstrating that they are reflecting on and monitoring their thinking to help clarify their understanding as they solve a problem.
- **Selecting tools and computational strategies:** Select and use a variety of concrete, visual and electronic learning tools and appropriate computational strategies to investigate mathematical ideas and to solve problems
- **Connecting:** Make connections among mathematical concepts and procedures and relate to mathematical ideas to real life situations
- **Representing:** Create a variety of representation of mathematical ideas like graphical, pictorial etc. and connect and compare them.
- **Communicating:** Communicating mathematical thinking orally, visually and in writing using mathematical vocabulary and observing mathematical conventions.

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TEXT BOOKS: Cambridge Checkpoint Book 1 and 2 by Ric Pimentel and Terry Wall

PLAN AT A GLANCE

FIRST TERM 3 rd July, 2017 – 30 th November 2017	SECOND TERM 4 th December 2017 – 27 th April 2018
1. Place Value Ordering and Rounding	1. Angle Properties
2. Integers	2. Area and Volume
3. Fraction Decimal and Percentages	3. Sequences Functions and Graphs
4. Expression Equation and Formulae	4. Interpreting Data and Graphs
5. Cal and Mental Strategies 1	5. Cal and Mental Strategies 3
6. Congruency and Properties of Two Dimensional Shapes	6. Ratio and Proportion
7. Measure and Motion	7. Formulae and Substitution
8. Collection and Displaying Data	8. Enlargement and Scale Drawing
9. 9. Powers and Roots	9. Nets and Surface Area
10. Equations and Simple Functions	10. Probability
11. Constructions	11. Transformations
12. Statistical Calculations	12. Cal and Mental Strategies 4
13. Calculation and Mental Strategies 2	



EVALUATION PATTERN

FIRST TERM 3 rd July, 2017 – 30 th November 2017	SECOND TERM 4 th December 2017 – 27 th April 2018
Topic	Topic
<u>FORMATIVE EVALUATION</u>	<u>FORMATIVE EVALUATION</u>
<u>20 Marks</u>	<u>20 Marks</u>
Place Value Ordering and Rounding	Angle Properties
Integers	Area and Volume
<u>SUMMATIVE EVALUATION</u>	<u>SUMMATIVE EVALUATION</u>
<u>80 Marks</u>	<u>80 Marks</u>
First Term Portion	First and Second Term Portion



SCIENCE: PHYSICS

AIMS & OBJECTIVES:

To encourage and enable students in -

- Suggesting ideas that may be tested.
- Outlining plans to carry out investigations, considering the variables to control, change or observe.
- Making predictions referring to previous scientific knowledge and understanding.
- Identifying appropriate evidence to collect and suitable methods of collection.
- Choosing appropriate apparatus and use it correctly.
- Making careful observations including measurements.
- Presenting results in the form of tables, bar charts and line graphs.
- Considering explanations for predictions using scientific knowledge and understanding and communicate these.
- Presenting conclusions using different methods.

SKILLS:

- Experimentation
- Construction
- Observation
- Drawing.

(Experimentation and construction skills include handling, arranging, preserving, and repairing scientific instruments).

TEXT BOOKS: Cambridge Checkpoint Science 1 and 1 by Peter D Riley



PLAN AT A GLANCE

FIRST TERM 3 rd July, 2017 – 30 th November 2017	SECOND TERM 4 th December 2017 – 27 th April 2018
1. Light	1. Speed
2. Sound	2. Magnets
3. Density	3. Pressure

EVALUATION PATTERN

FIRST TERM 3 rd July, 2017 – 30 th November 2017	SECOND TERM 4 th December 2017 – 27 th April 2018
<u>FORMATIVE EVALUATION</u>	<u>FORMATIVE EVALUATION</u>
<u>20 Marks</u>	<u>20 Marks</u>
Light	Speed
<u>SUMMATIVE EVALUATION</u>	<u>SUMMATIVE EVALUATION</u>
<u>80 Marks</u>	<u>80 Marks</u>
First Term Portion	First and Second Term Portion



SCIENCE: CHEMISTRY

AIMS & OBJECTIVES:

To encourage and enable students in -

- Develop inquiring minds and curiosity about science and the natural world
- Carry out scientific investigations, decide which apparatus to use and assess any hazards in the laboratory
- Use a range of materials and equipment and control risks
- Understand the importance of questions, evidence and explanations, using historical examples
- Think analytically and critically to solve scientific problems. Use explanations to make predictions and then evaluate these against evidence.
- Discuss the way that scientists work today and how they worked in the past, including reference to experimentation, evidence and creative thought.
- Understand that science, society and technology are interdependent
- Demonstrate attitudes and values like trust in caring god, valuing every person joy and optimism, innovation and creativity, responsible for freedom of expression, respect for nature, integrating justice, equality, transformation of self and society.

SKILLS:

- Observing
- Classifying
- Quantifying
- Predicting
- Controlling variables
- Interpreting
- Communicating
- Forming conclusions

TEXT BOOKS: Checkpoint Science 1 and 2 by Peter D Riley



PLAN AT A GLANCE

FIRST TERM 3 rd July, 2017 – 30 th November 2017	SECOND TERM 4 th December 2017 – 27 th April 2018
1. Book 2 ch. 8 – The Particle Theory	1. Book 2 ch. 12- Chemistry in Everyday Life
2. Book 2 ch. 9 – Elements and Atoms	2. Book 1 ch. 11- Rocks and Soil
3. Book 2 ch. 10 – Elements, Compounds and Mixtures	3. Book 1 ch. 12 – Finding the Age of Earth
4. Book 2 ch. 11- Metals and Non-metals	
5. Book 1 ch. 10 – Acids and Alkalis	

EVALUATION PATTERN

FIRST TERM 3 rd July, 2017 – 30 th November 2017	SECOND TERM 4 th December 2017 – 27 th April 2018
<u>FORMATIVE EVALUATION</u>	<u>FORMATIVE EVALUATION</u>
<u>20 Marks</u>	<u>20 Marks</u>
Book 2 ch. 8 – The Particle Theory Book 2 ch. 9 – Elements and Atoms	Book 2 ch. 12- Chemistry in Everyday Life
<u>SUMMATIVE EVALUATION</u>	<u>SUMMATIVE EVALUATION</u>
<u>80 Marks</u>	<u>80 Marks</u>
First Term Portion	First and Second Term Portion



SCIENCE: BIOLOGY

AIMS & OBJECTIVES:

- To develop their skills in using a range of tools and equipment's to gather evidences in scientific enquiry, research, exploration and field work.
- To be able to communicate their ideas, observations and conclusion to the best of their abilities.
- To learn a range of techniques and methods to express their ideas and observations.
- To develop skills in planning, recording, evaluating and reviewing.
- To develop attitudes which help personal and social development and positive attitudes to the ideas of other people, caring for the environment and sustainable lifestyle.
- To learn skills which involves asking scientific questions, critical thinking, weighing evidence and developing perspectives and judgement.

SKILLS:

- Thinking
- Creative
- Analytical
- Social and Interpersonal
- Communication
- Research
- Self-management.

TEXT BOOKS: Cambridge Checkpoint Science 1 and 2 by Peter D Riley



PLAN AT A GLANCE

FIRST TERM 3 rd July, 2017 – 30 th November 2017	SECOND TERM 4 th December 2017 – 27 th April 2018
1. How Plants Grow	1. A Healthy Diet
2. The Digestive System	2. Reproduction in Humans
3. The Circulatory System	3. Diet, Drugs and Diseases
4. The Respiratory System	4. Food Chains and Food Webs
5. Inheritance and Selective Breeding	

EVALUATION PATTERN

FIRST TERM 3 rd July, 2017 – 30 th November 2017	SECOND TERM 4 th December 2017 – 27 th April 2018
Topic	Topic
<u>FORMATIVE EVALUATION</u>	<u>FORMATIVE EVALUATION</u>
<u>20 Marks</u>	<u>20 Marks</u>
How Plants Grow	Reproduction in Humans
<u>SUMMATIVE EVALUATION</u>	<u>SUMMATIVE EVALUATION</u>
<u>80 Marks</u>	<u>80 Marks</u>
First Term Portion	First and Second Term Portion.



HINDI

AIMS & OBJECTIVES:

- दैनिक जीवन में हिंदी में समझने-बोलने के साथ-साथ लिखने/ सृजनात्मकता का विकास करने के लिए।
- विभिन्न संदर्भों में प्रयुक्त होने वाली शब्दावली का विकास करना।
- औपचारिक विषयों और संदर्भों में बातचीत में भाग ले पाने की क्षमता का विकास करना।
- साहित्य के विविध रूपों से परिचित होना।
- हिंदी भाषा में अपने अनुभव संसार को लिखकर सहज अभिव्यक्ति की क्षमता विकसित करना।
- अपनी मातृभाषा और परिवेशगत भाषा को साथ रखकर हिंदी की संरचनाओं की समझ बनाना और मौखिक तथा लिखित अभिव्यक्ति में व्याकरण सम्मत भाषा का प्रयोग करना

SKILLS:

- आत्म प्रबंधन, सामाजिक कौशल, आलोचनात्मक सोच, समस्या निवारण, बात-चीत का कौशल

TEXT BOOKS: भाषा तरूण- (डॉक्टर अमित कुमार सिंह पुंदीर) **Grade 7**



PLAN AT A GLANCE

FIRST TERM 3 rd July, 2017 – 30 th November 2017	SECOND TERM 4 th December 2017 – 27 th April 2018
1. सामाजिक संबंध पर आधारित आलेख कहानी-अपना-अपना भाग्य	1. रीति रिवाज-एवं परंपरा पर आधारित आलेख हास्य-व्यंग्य- बाबू बारात में
2. विज्ञान एवं तंत्रज्ञान पर आधारित आलेख	2. फुर्सत के पल पर आधारित आलेख
3. वैश्विक समस्याओं पर आधारित आलेख	3. एकांकी- अंधेर नगरी
4. संचार एवं मीडिया पर आधारित लेखन • कहानी-पंच परमेश्वर	4. सामाजिक संबंध पर आधारित आलेख कहानी- लालू
5. व्याकरण • सर्वनाम के भेद, सर्वनाम तथा संज्ञा के भेद, • कारक के प्रकार, विराम चिन्ह, "र" के प्रयोग • तत्सम तदभव शब्द, क्रिया के भेद, • शब्दभंडार • (पर्यायवाची शब्द, विलोम शब्द, मुहावरे, वचन, लिंग)	5. व्याकरण • क्रिया विशेषण के भेद • उपसर्ग प्रत्यय - • काल (भूतकाल, वर्तमान काल, भविष्य काल) • शब्दभंडार • (लोकोक्तियाँ , वाक्यांश के लिए एक शब्द)
6. श्रवण कौशल	6. श्रवण कौशल
7. नीति के दोहे (मौखिक अभिव्यक्ति) • परिचय देना (मौखिक अभिव्यक्ति) • भाषण लेखन ((मौखिक अभिव्यक्ति)	7. यात्रा वृत्तांत (मौखिक- अभिव्यक्ति) • समाचार (मौखिक – अभिव्यक्ति) • कोशिश करने वालों की(मौखिक- अभिव्यक्ति)
8. पत्र लेखन (अनौपचारिक) और ईमेल लेख	8. रेसीपी लेखन और डायरी लेखन
9. टिप्पणी लेखन	9. चित्र-वर्णन
10. सारांश लेखन	10. निबंध



EVALUATION PATTERN

FIRST TERM 3 rd July, 2017 – 30 th November 2017	SECOND TERM 4 th December 2017 – 27 th April 2018
Topic	Topic
<u>FORMATIVE EVALUATION</u>	<u>FORMATIVE EVALUATION</u>
<u>20 Marks</u>	<u>20 Marks</u>
1. सामाजिक विषयों पर आधारित आलेख (अपठित गद्यांश)	1. सामाजिक विषयों पर आधारित आलेख (अपठित गद्यांश)
2. कहानी पर आधारित लेख (अपठित गद्यांश)	2. रेसीपी लेखन और डायरी लेखन
3. पत्र लेखन (अनौपचारिक)	3. श्रवण कार्य
4. व्याकरण कारक के प्रकार सर्वनाम तथा संज्ञा के भेद	4. व्याकरण क्रिया विशेषण के भेद उपसर्ग प्रत्यय
<u>SUMMATIVE EVALUATION</u>	<u>SUMMATIVE EVALUATION</u>
<u>80 Marks</u>	<u>80 Marks</u>
<ul style="list-style-type: none">• सामाजिक विषयों पर अथवा किसी कहानी पर आधारित अपठित गद्यांश• व्याकरण• ईमेल लेखन -• श्रवण अभ्यास• पत्रलेखन (अनौपचारिक)• टिप्पणी लेखन• सारांश लेखन• मौखिक अभिव्यक्ति (नीति के दोहे, परिचय, भाषण)• शब्दभंडार (पर्यायवाची शब्द, विलोम शब्द, वचन, लिंग, मुहावरे)	<ul style="list-style-type: none">• सामाजिक विषयों पर अथवा किसी कहानी पर आधारित अपठित गद्यांश• व्याकरण• यात्रा वृत्तांत (भाषण-आशु)• रेसीपी लेखन• चित्र लेखन• निबंध• डायरी लेखन• मौखिक अभिव्यक्ति• (कविता, यात्रा वृत्तांत, समाचार)• पत्रलेखन (अनौपचारिक/ औपचारिक)• श्रवण अभ्यास• शब्दभंडार (पर्यायवाची शब्द, विलोम शब्द, वचन, लिंग, मुहावरे, लोकोक्तियाँ, वाक्यांश के लिए एक शब्द)



SPANISH

AIMS & OBJECTIVES:

- Develop the ability to communicate effectively using the target language
- Offer insights into the culture and society of countries where the language is spoken
- Develop awareness of the nature of language and language learning
- Encourage positive attitudes towards speakers of other languages and a sympathetic approach to other cultures and civilisations
- Provide enjoyment and intellectual stimulation
- Develop transferable skills (e.g. analysis, memorising, drawing of inferences) to complement other areas of the curriculum
- Form a sound base of the skills, language and attitudes required for progression to work or further study, either in the target language or another subject area.

SKILLS:

- Communication
- Social
- Thinking
- Research
- Self-management skills

TEXT BOOKS: Listos 1, module 3-6



PLAN AT A GLANCE

FIRST TERM 3 rd July, 2017 – 30 th November 2017	SECOND TERM 4 th December 2017 – 27 th April 2018
Grammar	Grammar
1. Describe city and neighbourhood	1. Gustar, Encantar, Odiar and Soler Verbs
2. El imperative (the command tense)	2. Talk about meals of the day
3. Describe weather	3. Advanced uses of verb Tener
4. Free time, leisure	4. Pronouns with prepositions
5. Talk about week end activities	5. Demonstrative adjectives
6. Vocabulary - sports and hobbies	6. Verb Quedar, llevar and ponerse
7. Immediate future tense	7. Direct object pronouns
8. Comparative & Superlative	8. Preterit tense
9. Adverbs and Demonstrative pronouns	9. Imperfect tense
10. Formal and informal letter writing	10. Talk about diseases and expressions of obligation.
11. Describe city and neighbourhood	11. Gustar, Encantar, Odiar and Soler Verbs



EVALUATION PATTERN

FIRST TERM 3 rd July, 2017 – 30 th November 2017	SECOND TERM 4 th December 2017 – 27 th April 2018
Topic	Topic
<u>FORMATIVE EVALUATION</u>	<u>FORMATIVE EVALUATION</u>
<u>20 Marks</u>	<u>20 Marks</u>
Carta informal - Mi barrio y mi ciudad	Dialogue writing
<u>SUMMATIVE EVALUATION</u>	<u>SUMMATIVE EVALUATION</u>
<u>80 Marks</u>	<u>80 Marks</u>
Comprehension	Comprehension
Writing Expression	Writing Expression
What I do on weekends	What I did on last weekend
The weather in my city	Picture description – Vacation
Listening	Listening
An audio - Leisure	An audio – Likes and dislikes



HUMANITIES: HISTORY AND CIVICS

AIMS & OBJECTIVES:

To enable students to:

- To learn about the past by creating a sense of historical diversity
- To understand time lines and historical maps
- To compare the developments of one region in relation to other parts of the world
- To become aware of national perspectives with that of global ones in the process of development
- To create a strong a sense of human values, namely freedom, trust, mutual respect and respect of diversity;
- To make connections between political, social and economic issues and recognize the ways in which politics affects their daily lives.
- To imbibe the values of the Indian Constitution and their significance in everyday life.
- To understand about the earth as the habitat of humans and other forms of life.
- To become familiar with one's own region and realise the interdependence of various regions (local to global).
- To understand the normative dimensions like issues of equality, justice and dignity in society and polity.

SKILLS:

- Observing and reporting
- Discussion and debate:
- Analyzing and critical thinking
- Questioning and reasoning:
- Communication
- Classification
- Interpersonal and Intrapersonal skills
- Appreciation
- Understanding
- Concern for justice and equality
- Map and globe skills
- Charts and graphs skills
- Time skills
- Citizenship skills
- Critical thinking and problem solving
- Collaboration
- Information literacy
- Media and ICT literacy
- Flexibility and adaptability
- Initiative and self-direction
- Social and Cross-Cultural Skill
- Leadership and Responsibility

TEXT BOOKS: The Trail (History and Civics) for ICSE Middle School-Grade 7



PLAN AT A GLANCE

FIRST TERM 3 rd July, 2017 – 30 th November 2017	SECOND TERM 4 th December 2017 – 27 th April 2018
1. Medieval Europe- Rise and spread of Christianity	1. Vijayanagar and Bahamani Kingdoms
2. Rise and Spread of Islam	2. The Mughal Empire
3. The Delhi Sultanate	3. Making of Composite Culture
4. The Constitution of India	4. Directive Principles of State Policy

EVALUATION PATTERN

FIRST TERM 3 rd July, 2017 – 30 th November 2017	SECOND TERM 4 th December 2017 – 27 th April 2018
Topic	Topic
<u>FORMATIVE EVALUATION</u>	<u>FORMATIVE EVALUATION</u>
<u>20 Marks</u>	<u>20 Marks</u>
Medieval Europe- Rise and spread of Christianity	Vijayanagar and Bahamani Kingdoms
<u>SUMMATIVE EVALUATION</u>	<u>SUMMATIVE EVALUATION</u>
<u>80 Marks</u>	<u>80 Marks</u>
First Term Portion	Second Term Portion



HUMANITIES: GEOGRAPHY

AIMS & OBJECTIVES:

To enable students to:

- To learn about the past by creating a sense of historical diversity
- To understand time lines and historical maps
- To compare the developments of one region in relation to other parts of the world
- To become aware of national perspectives with that of global ones in the process of development
- To create a strong a sense of human values, namely freedom, trust, mutual respect and respect of diversity;
- To make connections between political, social and economic issues and recognize the ways in which politics affects their daily lives.
- To imbibe the values of the Indian Constitution and their significance in everyday life.
- To understand about the earth as the habitat of humans and other forms of life.
- To become familiar with one's own region and realise the interdependence of various regions (local to global).
- To understand the normative dimensions like issues of equality, justice and dignity in society and polity.

SKILLS:

- Observing and reporting
- Discussion and debate:
- Analyzing and critical thinking
- Questioning and reasoning:
- Communication
- Classification
- Interpersonal and Intrapersonal skills
- Appreciation
- Understanding
- Concern for justice and equality
- Map and globe skills
- Charts and graphs skills
- Time skills
- Citizenship skills
- Critical thinking and problem solving
- Collaboration
- Information literacy
- Media and ICT literacy
- Flexibility and adaptability
- Initiative and self-direction
- Social and Cross-Cultural Skill
- Leadership and Responsibility

TEXT BOOKS: Voyage Geography for ICSE Middle School - Grade 7



PLAN AT A GLANCE

FIRST TERM 3 rd July, 2017 – 30 th November 2017	SECOND TERM 4 th December 2017 – 27 th April 2018
1. Atmosphere	1. Energy and Power Resources
2. Weather and Climate	2. Study of Continents-Europe and Africa
3. Weathering and Soil Formation	3. Study of Continents-Australia and Antarctica
4. Industries	

EVALUATION PATTERN

FIRST TERM 3 rd July, 2017 – 30 th November 2017	SECOND TERM 4 th December 2017 – 27 th April 2018
Topic	Topic
<u>FORMATIVE EVALUATION</u>	<u>FORMATIVE EVALUATION</u>
<u>20 Marks</u>	<u>20 Marks</u>
Atmosphere	Energy and Power Resources
<u>SUMMATIVE EVALUATION</u>	<u>SUMMATIVE EVALUATION</u>
<u>80 Marks</u>	<u>80 Marks</u>
First Term Portion	Second Term Portion



ICT

AIMS & OBJECTIVES:

The ICT curriculum in the classes focuses on:

- The development of a basic understanding of technology operations and concepts
- The effects of technology usage on social, ethical and human issues
- Communication, collaboration, creativity, innovation
- Problem solving
- Research and information fluency

SKILLS:

- To understand the responsible use of technology and information and the consequences of inappropriate use in and out of school
- To demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology
- To show personal responsibility and ownership for their own work space on the delegated server for student use and shared files on the 'Public Share'
- To use critical thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate technology tools and resources
- To use digital media and environments to communicate and work collaboratively and develop good techniques of working sympathetically with others online

TEXT BOOKS: 7 Click Start 2nd Edition ((Anjna Virmani & Shalini Harisukh)



PLAN AT A GLANCE

FIRST TERM 3 rd July, 2017 – 30 th November 2017	SECOND TERM 4 th December 2017 – 27 th April 2018
1. Digital Citizenship	1. QBASIC –Programming Statements
2. World wide web	2. QBASIC –Graphics and Sound
3. MS Excel 2007 Advanced Features	3. Introduction to Programming Concepts
4. Introduction to HTML	4. Introduction to C++
5. Elementary HTML -I	5. Introduction to JAVA Programming Language
6. Elementary HTML - II	
7. Creating Forms in HTML	
8. Frames in HTML	
9. JavaScript in HTML Documents	

EVALUATION PATTERN

FIRST TERM 3 rd July, 2017 – 30 th November 2017	SECOND TERM 4 th December 2017 – 27 th April 2018
Topic	Topic
<u>FORMATIVE EVALUATION</u>	<u>FORMATIVE EVALUATION</u>
<u>20 Marks</u>	<u>20 Marks</u>
Digital Citizen Ship	QBASIC – Programming Statements
MS Excel 2007 Advanced Features	QBASIC – Graphics and Sound
<u>SUMMATIVE EVALUATION</u>	<u>SUMMATIVE EVALUATION</u>
<u>80 Marks</u>	<u>80 Marks</u>
First Term Portion	First and Second Term Portion

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