

SYLLABUS (2010 – 2011)
ENGLISH
CLASS V

BOOKS : New Broadway – 5 (Oxford) Course Book
New Broadway Workbook – 5
Joy Of Grammar Angel International –5

APRIL/ MAY

LITERATURE

Lesson 1 – Gulliver In Lilliput

Reading	Factual, Inferential and Evaluative
Vocabulary	Expressions With Travel
Grammar	Apostrophe
Writing	Expressing point of view
Speaking	Making suggestions
Listening	Listening For Detail : News Report Worksheet 1 Mullah’s Masterpiece – Page no 9

Poem	Harm No Living Thing Preening
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GRAMMAR

- 1.The Sentence Pages 5 to 7
- 2.Kinds of sentences Pages 8 and 9
3. Subject & Predicate Pages 10 to 12

JULY

LITERATURE

Lesson 4 – The Lost Casket

Reading	Factual, Inferential , Evaluative , Comprehension
Vocabulary	Classification: odd one out, words with Multiple meanings
Grammar	Seeking Information
Writing	Letter Writing: Informal , Descriptive
Speaking	Describing a photograph and a postcard
Listening	Listening For Detail : Matching names with picture Worksheet 4 The Glass Cupboard

LITERATURE

Lesson 8 – Ani’s Key

Reading	Factual, Inferential , Extrapolative , Comprehension
Vocabulary	Words related to art, count. & Uncountable nouns.

Grammar	Using had
Writing	Composition: Stating procedure

Speaking Creative uses for everyday objects
Listening Recognizing native speaker accents

Worksheet 8- The Cracked pot

GRAMMAR
1.The Noun (Kinds Of Noun) Pages 13 to 16
2.Nouns (Possessive Case) Page 52
3. Use of Articles Pages 20 to 23

AUGUST

LITERATURE Lesson 6 -The Wrong House

Reading Factual, Inferential, Evaluative , Comprehension
Vocabulary Unusual words, Classification : odd one out
Grammar Using going to
Writing Note making
Speaking Brainstorming: Ideas to prevent crime
Listening Summarizing : crime reports
Worksheet 6 : Mr. Fingertips
Poem - The Recycling Rap

GRAMMAR Verb

SEPTEMBER

LITERATURE Lesson 10 – Dirty Money
Poem – Gold

Reading Factual , Inferential, Evaluative , Comprehension
Vocabulary Words related to money
Grammar Using ‘whose’ and ‘which’
Writing Autobiography
Speaking Describing an objects perspective
Listening News article
Worksheet 10 : The Rich Man And The Dervish

GRAMMAR Active and Passive Voice pages 76 to 79

OCTOBER

LITERATURE Lesson 3 : The Honey guides’ Revenge

Reading Factual, Inferential, Evaluative, Extrapolative
Comprehension

Vocabulary	Phrasal verbs with pick
Grammar	Adverbs of Manner
Writing	Factual Writing: Expansion from notes
Speaking	Describing a place
Listening	Note making
	Worksheet 3 : Crocodile Medicine

GRAMMAR Adverb

NOVEMBER

LITERATURE Lesson 2 – Five Bells

Reading	Factual, Inferential, Evaluation , Extrapolative Comprehension
Vocabulary	Words with uni , bi , tri , Expressions with listen and hear
Grammar	Past Continuous Tense
Writing	Composition : narrative
Speaking	Describing a room
Listening	Filling in missing information
	Worksheet 2 . When God Made Fathers
	Poem War

Lesson 7 –Sam Manekshaw

Reading	Factual, Inferential, Extrapolative ,Comprehension
Vocabulary	One word For Many words related to army
Grammar	Time Expressions
Writing	Composition : descriptive
Speaking	Discussion: Army’s role during disasters
Listening	Short Biography
	Worksheet 7 Mother Teresa

GRAMMAR

1. Preposition Pages 34 – 38
2. Conjunction Pages 39 - 43
3. Interjection

DECEMBER

LITERATURE Lesson 12 – The Rat’s Feast

Reading	Factual , Inferential , Evaluation, Comprehension
Vocabulary	Idioms
Grammar	Revision
Writing	Magazine Article

Lesson 9 – School Breaks Up

Reading	Factual, Inferential, Evaluative , comprehension
Vocabulary	words related to Learning, friendship
Grammar	Using for and how long
Writing	Composition : thank – you note
Speaking	Guessing game: Identifying a person
Listening	Listening for detail: filling in information

Worksheet 9 : End of Term

GRAMMAR Direct and Indirect speech

JANUARY

LITERATURE Lesson 11 – Waiting in Line at the Drugstore

Reading	Factual, Inferential , Evaluative , Extrapolative Comprehension
Vocabulary	Synonyms
Grammar	Using for and since
Writing	Story Writing; Imaginative Writing
Speaking	Making enquiries and offering suggestions
Listening	Organizing information Worksheet 11 The Two Coloured Coat Poem – The Outsider

GRAMMAR 1. Tenses Pages 66 – 69
2.Strong and Weak Verbs Pages 70 - 75

FEBRUARY

LITERATURE Lesson 5 - Equal Footing

Reading	Factual , Inferential, Evaluative, Extrapolative Comprehension
Vocabulary	Changing nouns into adjectives
Grammar	Present Perfect Tense
Writing	Narrative
Speaking	Asking questions, persuading and convincing
Listening	Information gap: completing a table Worksheet 5 Wilma Rudolf

GRAMMAR 1. Agreement of Verb with the Subject
Pages 80 to 82
2. Letter writing (Leave Application)

3. Punctuation And The Use of capital Letters
Pages 90 - 92

MARCH Final Examination

MATHEMATICS
CLASS V

APRIL :- NUMBERS AND NUMERATION

- Reads and writes numbers upto ten crore using place value chart.
- Finding period , place and place value of a digit in a numeral.
- Forming the smallest and greatest 5 ,6 , 7 , 8 digits numbers from the given digits with and without repeating the digits.
- Compares and arranges in ascending and descending order.
- Reading and writing numerals according to the International System of numeration upto 100 millions.

OPERATION ON WHOLE NUMBERS

- Adding upto 8 digits.
- Solving word problems on addition.
- Finding the difference of numbers.
- Solving word problems on subtraction.
- Finding the product of two numbers upto 8 digits.
- Solving word problems on multiplication.

MAY OPERATION ON WHOLE NUMBERS [Continue] & H.C.F.

- Finding the quotient and remainder when one number is divided by another : division upto 4 digits.
- Solving word problems on division.
- H.C.F

JUNE/JULY MULTIPLICATION AND DIVISION OF FRACTIONAL NUMBERS

- Finding product of a fraction and a whole number.
- Multiplying a fraction by another fraction.
- Multiplying three or more fractions.
- Stating the properties of multiplication of fractions.
- Finding the multiplicative inverse of a fraction by a whole number.
- Dividing a fraction by a whole number.
- Dividing a fraction by another fraction.
- Dividing a whole number by a fraction.
- Stating the properties of division of fraction.

CIRCLES

- Identifying the elements of circle.
- Finding radius, diameters.
- Drawing circles using compass.

AUGUST DECIMAL

- Reading and writing decimal numbers.
- Writing the place and place value of digits of a decimal.
- Expressing a decimal in expanded form and vice-versa.
- Identifying like , unlike and equivalent decimals.
- Converting decimal into fractions and vice-versa.

SEPTEMBER

REVISION FOR THE FIRST TERM

ADDITION AND SUBTRACTION OF DECIMALS

- Adding two or more decimal numbers.
- Finding the difference of decimal numbers.
- Multiplication and division of decimal numbers.
- Rounding off numbers to the nearest 10, 100, 1000 .
- Rounding off decimal numbers with one, two, three places of decimals.

OCTOBER ANGLES

- Classifying angles
- Drawing of different types of angles.

AVERAGES

- Explaining the meaning of average.
- Finding simple averages.
- Solving problems involving averages.

NOVEMBER PROFIT AND LOSS

- Defining cost price, selling price.
- Finding profit.
- Solving problems involving profit.
- Finding loss.
- Solving problems involving loss.
- Solving problems to find cost price.
- Solving problems to find selling price

SPEED, DISTANCE AND TIME

- Explaining & defining speed.
- Solving problems involving speed.
- Explaining and defining distance.
- Solving problems involving distance.
- Explaining and defining time.
- Solving problems involving time
- Explaining the relations between Speed, Distance & Time.

DECEMBER PERCENTAGE

- Explaining & defining percentage.
- Converting fraction into %
- Calculating % of a number.
- Finding a number, when its % is given.
- Solving problems involving percentage.

SIMPLE INTEREST

- Identifying and explaining the terms Principal, Rate, Amount, Interest and Time period
- Finding Interest, when Amount & Principal are given.
- Finding Principal, when Amount and Interest are given.
- Finding Amount, when Principal and Rate are given.
- Finding Simple Interest.
- Solving problems on Simple Interest.

JANUARY

TRIANGLES

- Identifying vertices, sides and angles of a triangle.
- Classifying triangles on the basis of sides.
- Classifying triangle on the basis of angles
- Verifying the properties of triangle.

AREA

- Explaining and defining the concept of area.
- Stating the unit of Area.
- Finding the area of a square.
- Finding the area of rectangle
- Solving the problems of Area.

FEBRUARY

ROMAN NUMERALS

- Reads and writes Roman Numerals up to 100
- Writes Hindu-Arabic numerals in Roman and vice versa.

L.C.M.

- Find the L.C.M. of 3 or more numbers.
- Rules of L.C.M.

Corresponding lesson of Mental Maths will be done.

REVISION OF FINAL TERM

GENERAL SCIENCE CLASS V

	Concepts	Skills
April	Growing plants <ol style="list-style-type: none">1. Importance of Plants2. Growing plants from different parts of the plant3. Agriculture	Defines germination, seed dispersal Name parts of seed Gives examples of plants that reproduce through leaf, stem, root, spores Draws seed dispersal by wind, animals and explosion. Explains rabi and kharif crops.
May	Safety and First Aid <ol style="list-style-type: none">1. Safety on road2. Safety from fire3. First Aid	Discusses accidents and classifies them Defines first aid, fracture, traffic signs. Explains the methods of preventing and putting down fire. Describes first aid for burns, fractures, animal bites.
July	Amazing animals <ol style="list-style-type: none">1. Habitat2. Feeding habits3. Organs for breathing4. Movement	Defines habitat, carnivores, herbivores Describes amphibians Explains the movement in birds, snakes, frogs and dolphins. Names the breathing organs like nose, skin, gills and spiracles in animals. Lists scales, shells, feathers and fur as body coverings.

Health and Hygiene

1. Food groups
2. Balanced diet
3. Diseases
4. Hygiene
5. Rest, posture and exercise

Defines balanced diet,
Communicable diseases, hygiene
Explains importance of good hygiene
Vaccination can prevent many diseases
Lists importance of exercise and
correct posture for good health.
Differentiates communicable and
non communicable diseases

August Skeletal System and Nervous System

1. Parts of Skeletal system
skull, backbone, ribcage, limbs etc
2. Functions of skeletal system
3. Types of joints
4. Parts of nervous system
5. Sensory and motor system

Defines organ system, sternum, cartilage
reflex action.
Lists parts of brain
Explains the different types of joints
Importance of skeletal system.
Draws parts of skeletal system.

September

Solids, Liquids and Gases

1. Particle arrangement
2. Change of state
3. Expansion and contraction of
matter

Explains heating causes particles to
move faster.
Describes cooling causes the particles to
blow down.
Reasons the arrangement of particle in
different substances.
Lists different states of matter.
Draws arrangement of molecules
in different forms of matter.
Explains heating causes expansion and
cooling causes contraction.

October

Rocks, Soil and Mineral

1. Different types of rocks
2. Minerals
3. Uses of rocks and minerals
4. Formation and composition of soil

Defines sedimentary rocks, magma,
bedrock, lava.
Lists the uses of rocks and minerals
Describes different layers of soil
Names different metals we use in our
daily life.
Draws different layers/composition of soil.

November

Force, Work and Energy

1. Force
2. Work
3. Energy
4. Simple machines

Defines force and lists its effects on objects
Draws types of lever
Names simple machines with two inclined planes.
Draws wheel and axle and explains its use.
Lists the advantages and disadvantages of friction.

Essentials for life –Air and water

1. Atmosphere and its importance
2. Properties of air
3. Water
4. Purifying drinking water

Defines atmosphere and tells its importance
Names two types of impurities and ways to remove it.
Draws the uses of air pressure
Explains and draws the composition of air
Explains and draws filtration and sedimentation.

December

Earth, Sun and moon

1. Solar system
2. Internal structure of earth
3. Different planets according to their distance.
4. Solar and lunar eclipse.

Defines astronomy, mantle, artificial satellites, ozone
Draws solar system, solar and lunar eclipse
Explains the internal structure of earth

Name some artificial satellites.
Draws and explains phases of moon.

January

Volcanoes, Earth quakes and tidal waves

1. Volcanoes
2. Earthquakes
3. Tidal waves

Defines volcanoes, epicentre, Seismographs, Richter scale.
Explains volcanoes and its cause.
Describes earthquake and its causes.
Lists the effects of earthquake.
Draws and labels a volcano.

February

1. Air pollution
2. Water pollution
3. Land pollution
4. Noise pollution

Defines pollution and environment
Lists causes of water pollution
Describes the diseases caused due to air pollution.
Explains noise pollution and its effects
Names the different types of pollution.

SOCIAL STUDIES
CLASS V

BOOK - Getting Ahead In Social Studies – 5

April /May

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| 1.The continents
and oceans and map | To learn about the continents &
oceans ,defining them ,naming
largest & smallest and also
locating them in the map. |
| 2. The globe- A model
Of the Earth | To comprehend the shape of the
Earth; describing the globe and
the main features locating places. |
| 3. Maps | Importance of maps ,directions, scale,
colours and symbols. |
| 4. Climate | To differentiate between weather and
climate, identifying factors affecting
climate. |

July

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| 5. DRC- The land of
Dense forests & map | To locate and understand Democratic
Republic of Congo in detail; describe its
climate, vegetation, wildlife, natural
resources and life of the natives. |
| 6. Living longer and
Healthier lives | Comprehending the importance of healthy
living and describing the major
Developments in the field of
medical science. |
| 7. Greenland- The Land
Of Ice and Snow | To identify and locate Greenland;
understanding its climate, vegetation
& how it affects the life ,
agriculture and industrial
developments. |

August

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| 8. Transport & map | To comprehend the various means of transport to research into its history and review the problems of traffic today. |
| 9. Communications | To illustrate with pictures and describe the various means of communication and its growth to its present times. |

September

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| 10. Recording and communicating knowledge | To evaluate the importance of recorded knowledge; to trace the origin of written communication to its present state |
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October

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| 11. Saudi Arabia - The Land of Hot sands & map | To locate and examine the land & climate of Saudi Arabia ; to interpret and understand its vegetation, agriculture life style and their religion |
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November

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| 12. Grasslands Of The Temperate Zone & map | To interpret the significance of Grasslands trace their presence in other countries |
| 13. The Age Of Machines | To trace the progress made during the industrial revolution and relate it to its affect on our economy, society and culture |
| 14. Some People Never Die | To examine the immortal contributions made by mortal people |

December

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| 15. The British Raj & The Revolt of 1857 | To locate the centres of the 1857 revolt; to identify the reasons behind the revolt. |
| 16. The Struggle For Independence | To examine the role of social reformers; to analyse the formation of Indian National Congress. |
| 17. Gandhiji Leads The Nation | To recognize and assess the role of Gandhiji in India's attainment of freedom Freedom. |

January

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| 18. The Birth of The United Nations | To perceive the origin and role of United Nations; to examine its aim and achievements. |
| 19. How The United Nation Works | To analyze the structure of the UN ; to Research on the achievements of the UN ; to identify the special agencies of UN. |

February

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| 20. India's Contribution To The United Nations | To assess India's contribution to The United Nations |
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GENERAL KNOWLEDGE

FIRST TERM – Pages 5 to 40

SECOND TERM – Pages 41 to 72 and the booklet of current affairs

APRIL/ MAY	Pages 5 to 15
JULY	Pages 16 to 25
AUGUST	Pages 26 to 35
SEPTEMBER	Pages 36 to 40

OCTOBER	Pages 41 to 45
NOVEMBER	Pages 46 to 55
DECEMBER	Pages 56 to 63
JANUARY	Pages 64 to 72
FEBRUARY	Current Affairs (Pages 1 to 8)

COMPUTER SCIENCE

CLASS V

Concepts

Skills

APRIL/MAY

MOVING AHEAD WITH LOGO – REPEAT COMMANDS

1. LOGO commands	Write the short form of LOGO commands. Describe and use various LOGO commands.
2. REPEAT commands	Define REPEAT commands Use REPEAT commands for drawing figures.
3. More LOGO commands	Describe the use of FENCE and WRAP command.

JUNE /JULY

MATHS WITH LOGO

1. Printing a number	Define Print command Use Print command for printing a number.
2. Print command with arithmetic operators	Use Print command with the arithmetic operators for doing calculations
3. Print with Logical Operators	Use Print command with logical operators for comparing two numbers.

AUGUST

MOVING AHEAD WITH WINDOWS

1. Starting Windows 98	Recalling steps to start Windows 98
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2.Windows Desktop	Recalling components of Windows desktop.
3. Wallpaper and screen saver	Restate Icons and give examples Change display settings Change the wallpaper Set the screen saver Write the steps to change the wallpaper and the display settings.

SEPTEMBER

REVISION FOR FIRST TERM

SEPTEMBER & OCTOBER

WORD PROCESSING - WORKING IN WORDPAD

1.Starting Word pad	Starting and closing Word pad
2.Using Word pad	Entering and editing text. Formatting text, Saving a document and opening an existing document

NOVEMBER

MICROSOFT WORD

1.Introduction to Microsoft Word	Starting and closing Word Window Naming the components of Word Window
2. Using Microsoft Word	Creating a Window Entering text and format it Saving a document Opening an existing document

DECEMBER

ALGORITHM AND FLOWCHART - AN APPROACH TO PROBLEM SOLVING

1. Algorithm	Define an Algorithm and write Algorithm for different tasks.
2. Flow chart	Define flowchart List and draw flowchart symbols. Draw flowcharts for different tasks.

JANUARY

LOGO PROCEDURES

1.Introduction to LOGO
procedures

Define a LOGO procedure
and name its parts

2. Writing a procedure

Writing procedure for drawing
figures

FEBRUARY

MULTIMEDIA

1.Multimedia

Define multimedia
List uses of multimedia

REVISION FOR FINAL EXAMINATION

ART AND CRAFT CLASS V

April/May

Colour wheel
Method of human figures and proportions

July

Fruit composition
Texture painting- Landscape

August

Faces in different expression – Cartoons
Save current and save electricity

September

Save fuel, save environment
Bird – line painting

October

Rangoli design with mosaic work
Poster making on any – current topics

November

Diwali celebration
Landscape – rising sun

December

Drawing and colouring – Christmas celebration

January

Pot decoration
School fete

February

Art test

CRAFT

April-May

Greeting Card – Paper tearing activity
Paper collage

July

Paper Owl
Mosaic Painting

August

Bird mobile

September

Photo frame

October

Village Scene – using wool
Diya decoration

November

Bindi activity
Collage work

December

Paper lamp
Paper flowers

January

Ice – cream spoon work
Paper cutting designing work

February

Art and craft test

Summer Holiday Home- work

Make any wall hanging using waste materials.
