

The Mama Parsi Girls' Secondary School
Cambridge Section
Second Term Syllabus 2022 (Class VII)

English Language

Books prescribed: *Language Tree (Student's Book 7)*, *Language Tree (Wk. Bk. 7)*

January	Grammar and Vocabulary: Exercises Composition: Narrative Essay, Letter Writing (formal) Comprehension Passages
February	Grammar and Vocabulary: Exercises Composition: Story Writing and Letter Writing (formal) Comprehension Passages
March	Grammar and Vocabulary: Exercises Composition: Descriptive Writing & Letter Writing (formal) Comprehension Passages
April	Grammar and Vocabulary: Exercises Composition: Revision of all types of writing taught throughout the year. Comprehension Passages
May	*** Final Term Examination ***

English Literature

BOOKS PRESCRIBED: Good Wives, The Tempest

NOTE: Students **must** have read the novel and the play at least once before the start of the term.

SECOND TERM

JAN '22	Good Wives (chapter 19-21 along with practice questions) The Tempest (Act 3, Sc 1 & 2) Poem: A Caged Bird in Spring time by Kirkup
FEB '22	Good Wives (chapter 22-23 along with practice questions) The Tempest (Act 3, Sc 2) Poem: A Dog in the quarry by Holub
MAR '22	Good Wives (chapter 24 along with practice questions) The Tempest (Act 4, Sc 1) Poem: After Rain by Edward Thomas
APR '22	Good Wives - practice questions The Tempest (Act 5, Sc 1) & revision

MAR '22

FINAL EXAMS

Mathematics

Book: New Syllabus Mathematic Book 1 (Seventh edition)

New Syllabus Primary Mathematics Workbook 6A & 6B

January	Ch.3 Approximation And Estimation (3.2)
	Ch.13 Perimeter & Area of Plane Geometrical Figures (13.3, 13.4)
February	Ch.14 Volume & Surface Area of Prisms and Cylinders
March	Ch.9 Rate, Ratio, Time and Speed (9.1-9.4)
	Ch.16 Statistical Diagrams (Bk 2; 16.5,16.6; Teacher given handouts)
April	Ch.13 Symmetry (Bk 2; 13.1-13.3; Teacher given handouts)
	Ch.7 Number Patterns (7.2- 7.4) Linear sequences
	Revision
May	Annual Examination

Biology

CO - ORDINATED SCIENCE (BIOLOGY) 3rd EDITION

TOPIC

JANUARY 2022

Excretion

The circle of life

FEBRUARY 2022

The circle of life (continued)

Digestion

A closer look to digestion

MARCH 2022

Absorption and the liver

Metabolism enzymes and respiration

Lungs and gas exchange

APRIL 2022

Pollination and fertilization

MAY 2022

FINAL EXAMINATION

Chemistry

January 2022:

- Atomic and Ionic Structure of first twenty elements
- Ions (Simple Ions and Formula Making with Simple Ions)
- Molecular ions, Formula Making with Molecular ions

February 2022:

- Ionic bonding (Properties of ionic compounds, Dot and Cross Diagram)

March 2022:

- Air and oxygen; Air pollution (Pollutants, their properties, sources and harmful effect, Ozone depletion, Greenhouse effect, Acid rain)

April 2022:

- Covalent bonding (Properties of covalent compounds, Dot and Cross Diagram)
- Revision for Annual Examination

May 2022:

Annual Examination

Resource Materials:

Lower Secondary Science Book 1 and 2

Author: Tho Lai Hoong, Ho

Peck Leng

Lower Secondary Science Workbook 1 and 2

Handouts

Physics

January	Speed and average speed Ray diagrams for image formation by plane mirror Refraction of light(introduction)
February	Effects and consequences of refraction Introduction to lense and types of lenses
March	Image formation by converging lens Lens in Human Eye and Camera Defects of Human Eye
April	Pressure Revision
May	Annual Examinations

History

Books prescribed:

History Today III (revised) Teresa Crompton /Danesh

MONTH

TOPICS

January 2022 : The Rise to power of the British-The European Challenge

February : The British Raj in India

March : Road to Independence I

April : Road to Independence II

Revision

May : **Annual Examination**

Geography

Books prescribed: Explore Geography for Secondary level book 2

January Pollution-Types, Causes and Effects.

February Pollution- Can it be controlled.

March Minerals and Fossil Fuels

April Forest Resources.

Revision.

May Annual Examination.

Computer Science

Book Prescribed: MATRIX (COMPUTING FOR 11-14) (BOOK-2)

PUBLISHED BY: OXFORD UNIVERSITY PRESS.

SYLLABUS FOR THE SECOND TERM:-

JANUARY: DATA AND CPU

- BITS, BYTES AND BASE 2 + ADDING
- BINARY NUMBERS
- MEASURING COMPUTER MEMORY
- DIGITAL IMAGES
- HOW COMPUTERS STORE TRUE COLOUR
- IMAGE QUALITY

FEBRUARY: CREATIVE COMMUNICATION

- REVIEW OF BOOK 1 (HTML)
- ADDING STRUCTURE TO YOUR WEB PAGE
- STRUCTURING A WEB PAGE
- CREATING HTML LINK
- CREATING GRAPH USING MS. EXCEL

MARCH: COMPUTATIONAL THINKING

- USING PSEUDOCODE
- EXHAUSTIVE SEARCH ALGORITHMS
- SORT ALGORITHMS

APRIL: COMPUTATIONAL THINKING

- SORT ALGORITHMS
- MORE SEARCH ALGORITHMS
- THE FASTEST ROUTE

MAY: REVISION & FINAL EXAMINATION

PRACTICAL: MS EXCEL (ADVANCE), HTML(CSS)

Urdu

Books Prescribed : Gulshan-e- Urdu

Nexus Publishing House

Daania Siddiqui

SECOND TERM

January: Prose: Jaisi karni waisi Bharni

Poem: Naat

Grammar & Composition

February: Prose: Ustaad ki Tazeem

Poem: Aadmi Naama

Grammar & Composition

March : Prose: Mere Bachpan k Din

Poem: Rail Ka Safar

Grammar & Composition

April : Prose: Gwaadar

Grammar & Composition

May : Annual Examination 2022

Islamiyat

Books Prescribed: Islamiyat for Secondary Classes (8) [Sajeda Zaidi] & Islamiyat For Students [Farkhanda Noor]

JANUARY

- Surah Ad-Duha
- Surah Al-Alaq
- The Personal Life of the Holy Prophet
- Fatima (R.A)

FEBRUARY

(Farkhanda Noor)

- Hadith no.4 (The charity of every joint)
- Hadith no.5 (Changing an evil action)
- Hadith no. 6 (Most excellent of men)
- Biography of the Prophet – Ancestors, Conditions of Arabia at the time of birth, Birth & Upbringing
- Harb ul Fijar, Half-Al-Fazul, Al-Sadiq and Al-Amin,
- Marriage to Khadija, Fixing of the Black Stone

MARCH

- Call to Prophethood, Preaching by the Prophet
- Opposition and Persecution by the Quraish ,Reasons for Opposition
- Reaction of Early Muslims towards Persecution
- Migration to Absiynia, Significance of Migration to Absiynia

APRIL

- Revision

MAY

FINAL EXAMINATION