CLASS 6 CURRICULUM
ACADEMIC YEAR 2023-2024

LANGUAGE

SECONDARY ENGLISH BOOK ONE

GRAMMAR

- Nouns
- Synonyms and Antonyms
- Homophones
- Adjectives
- Verbs
- Tenses
- Adverbs
- Pronouns
- Prepositions
- Conjunctions
- Prefixes
- Suffixes

PUNCTUATION

- Capital Letters and Full Stops
- The Apostrophe
- The Question Mark
- The Exclamation Mark
- The Comma
- Quotation Marks for Speech
- The Colon

COMPREHENSION

Reading extracts from novels and answering recall as well as inferential questions.

CREATIVE WRITING

- Imaginative
- Descriptive
- Recount
- Writing a Story
- Informal Letter

VOCABULARY

- Spellings
- Missing Words
- Match the Meanings
- Word Forms
- Mixed-up Sentences
- Word Links
- Odd One Out
- Shuffling Letters
- Jumbled Words
- Vowel Play

LITERATURE

- Kensuke's Kingdom by Michael Morpurgo (1st term)
- The Lion, The Witch and the Wardrobe (2nd term)
- The Origins Book of Verse
    1. Stars – Sarah Teasdale
    2. If I were the Lord of Tartary – Walter de la Mare
    3. Try Again – William E. Hickson
    4. My Shadow – Robert Louis Stevenson
    5. The Sea – James Reeves
    6. Stopping by the Woods on a Snowy Evening – Robert Frost

URDU

- مضمون نگاری
- خط نویسی (رسمی /غیر رسمی)
- کہانی نویسی
- تفہیم (اندیکھی)
- خلاصہ نگاری
- محاورے (معنی اور جملوں میں استعمال)
- تشبیہات (جملوں میں استعمال)
- مزکر مونث (کالم اور عملی مشق)
- اسم (معرفہ /نکرہ)
- صفت اور موصوف
- واحد اور جمع (کالم اور عملی مشق)
- فعل،فاعل ، مفعول
- اضداد (کالم اور عملی مشق)
- کلوز عبارت
- ترجمہ نویسی (انگریزی سے اُردو)
- کاروان اُردو (جماعت ششم)
- اُوریجنز عملی ورک بُک (1-2)

ISLAMIC EDUCATION

ISLAMIYAT FOR SECONDARY CLASSES 6

- Al-Quran-ul-Kareem
    1. Surah Al-Inshirah
    2. Surah Al-Qadr
    3. Surah Teen
- Faith and Prayers
    1. Tauheed-belief in the Oneness of Allah
    2. Prayers- The Story of Azaan, Salat and Other Prayers
    3. Hajj
- The Life of the Prophet Muhammad
    1. The Battle of Badr
    2. The Battle of Ahzab (Ghazva-e-Khandaq)
    3. The Treaty of Hudaibiyah
    4. The Invitation to Islam
    5. The Battle of Khyber
- Stories from the Quran
    1. Hazrat Ibrahim and Hazrat Ismail
- Memorization and Translation (Verse 1)
- Character building and some commonly used duas
- Good conduct and Character
    1. Cleanliness and Purity (Taharat)
    2. Truthfulness
    3. Trustworthiness and honesty (Amanat)
    4. Benevolence (Ihsan)
    5. The Spirit of Sacrifice and Nationalism
    6. Rights of people (Huquq-ul-Ibad)
- Memorization and Translation (verse 2)
- Famous Personalities of Islam
    1. Hazrat Khadija
    2. Hazrat Ali Ibn Abi Talib
    3. Tariq bin Ziyad
    4. Data Ganj Bakhsh Syed Ali Hajveri

MATHEMATICS

NEW SYLLABUS MATHEMATICS 1
DIVISIBILITY RULES

CHAPTER 1: PRIMES, HIGHEST COMMON FACTOR AND LOWEST COMMON MULTIPLE
CHAPTER 2: INTEGERS, RATIONAL NUMBERS AND REAL NUMBERS
CHAPTER 3: APPROXIMATION AND ESTIMATION
CHAPTER 4: BAIC ALGEBRA AND ALGEBRAIC MANIPULATION
CHAPTER 5: LINEAR EQUATIONS AND SIMPLE INEQUALITIES
CHAPTER 6: FUNCTIONS AND LINEAR GRAPHS
CHAPTER 7: NUMBER PATTERNS
CHAPTER 8: PERCENTAGE

SCIENCE

INTERNATIONAL SECONDARY SCIENCE 1

- States of Matter
- Cells and Organisms
- Material Properties
- Light
- Plants
- Plants and Photosynthesis
- Material Changes
- Electricity
- Living Things in their Environment

GEOGRAPHY

GLOBAL GEOGRAPHY FOR PAKISTAN BOOK 1

PLANET EARTH, OUR HOME

- Earth in space
- The seasons
- The Earth's atmosphere
- Introducing maps

HAZARDOUS EARTH: VOLCANOES

- What is the interior of the Earth like?
- What happens when the Earth's crust moves?
- Where do volcanoes occur?
- How do volcanoes form?
- What types of volcano are there?
- How do volcanoes affect people and places?

RIVER LANDSCAPES

- Introducing the Indus
- The work of rivers
- The River Indus in the landscape
- River landforms: gorges and waterfalls
- River landforms: flood plains, meanders and deltas
- Flooding in the Indus Valley
- Irrigation in the Indus Valley
- The changing Indus Delta

RESOURCES, FOOD AND FARMING

- What are resources?
- Two important crops- rice and wheat
- What crops are grown in Pakistan?
- Two different farms in Pakistan
- How can we solve farming's water problems?

WEATHER AND CLIMATE

- What is the difference between weather and climate?
- The elements of the weather
- Global climate zones
- The climate of Pakistan
- Investigating microclimates

NATURAL ENVIRONMENTS: COMPARING DESERT AND TROPICAL RAINFOREST ECOSYSTEMS

- The link between climate zones and natural environments
- Where are the world's deserts located?
- What causes deserts?
- The Thar Desert
- Where are the world's tropical forests located?
- What causes tropical rainforests?

COSTING THE EARTH

- Our environment
- Types of pollution
- How can we help to reduce pollution?
- Keeping the Himalayas clean

HISTORY

OXFORD HISTORY FOR PAKISTAN BOOK 1

THE WORLD

- Early times in China
- The Zhou and Qin Dynasties
- Egypt and the Nile
- Pyramids and mummies
- Everyday life in Ancient Egypt
- Religion and government in Rome
- Roman buildings
- The fall of the Roman Empire

PAKISTAN AND THE SUBCONTINENT

- The rise and fall of the Indus Valley civilization
- The Aryan civilization
- Aryan beliefs and organization
- The Mauryan Emperor Asoka
- The Kushans
- The Gupta Empire
- Muhammad bin Qasim- Islam reaches India

COMPUTER STUDIES

OXFORD INTERNATIONAL PRIMARY COMPUTING BOOK 6

CHAPTER 1: THE NATURE OF TECHNOLOGY

ROBOTS

1.1 What is a robot?

1.2 What robots are used for

1.3 How robots work

1.4 What is a control system?
1.5 Living with robots
1.6 Robots of the future

CHAPTER 2: DIGITAL LITERACY
MAKE A WEB PAGE
2.1 Be a respectful computer user
2.2 The parts of a web page
2.3 Create a web page
2.4 Add images to your web page
2.5 Add a new web page

CHAPTER 3: COMPUTATIONAL THINKING
ALGORITHMS AND PROGRAMS
3.1 A simple plan
3.2 Extend the simple plan

CHAPTER 4: PROGRAMMING
THE FROG MAZE
4.2 Snake danger
4.3 Birthday celebration
4.4 Movement module

CHAPTER 5: MULTIMEDIA
OUR SCHOOL SURVEY
5.1 Plan a survey
5.2 Prepare and carry out a survey
5.3 Analyse your data
5.4 Create your presentation
5.5 Improve your presentation
5.6 Deliver your presentation

CHAPTER 6: NUMBERS AND DATA
AMIR'S PARCELS
6.1 Build a spreadsheet data table
6.2 Sort and filter
6.3 Use validation to check your data
6.4 Use data lists
6.5 Calculations
6.6 Use a logical test

ROBOTICS

WEDO 2.0

LEVEL 1

- Introduction to various parts of Lego kit
- Basic construction of models
- Introduction to Wedo software

LEVEL 2

- Basic programming using software
- Model construction

LEVEL 3

- Advanced model construction
- Advanced programming

ART

- Paper weaving
- Perspective drawing
- Shading techniques
- Metamorphosis art (object transformation)
- Observational drawing
- Tessellation art
- Gesture drawing
- Mason jar firefly drawing
- Different types of skies
- Matisse art collage
- Silhouette drawing
- On objective drawing
- Sculptures with foil
- Nature study
- Still life (different mediums)
- Basic tile designing
- Fruits/ Vegetables study

ART HISTORY

Students will research information on the life and works of VINCENT VAN GOGH . They will prepare works of art (impressionism) based on their understanding of the artist, his time and place in history, and his works.