CLASS 5 CURRICULUM
ACADEMIC YEAR 2023-2024

LANGUAGE

OXFORD INTERNATIONAL ENGLISH 5

Oxford International English is a structured course that delivers reading comprehension, writing, and speaking and listening skills to students. This material is recommended by Cambridge International Examinations to support the Cambridge Primary English curriculum framework.

GRAMMAR

- Using 'but' correctly
- Words ending in –er, -or, –ar, -
- Pronouns/ Personal Pronouns/ Possessive Pronouns
- Using quotation marks
- Suffixes
- Adverbs/ Modifying Adverbs
- Similies and Metaphors
- Commas/ Commas in Complex Sentences
- Connectives
- Punctuation
- Prepositions
- Adverbial Phrases
- Complex Sentences/ Simple Sentences
- Forming Plurals
- Reported Speech/ Direct Speech
- Opposites/ Prefixes
- Sounds the same-but different spelling
- Idioms
- Getting the verb tense right
- Synonyms
- Possessive apostrophes/ Shortened form apostrophes

WRITING SKILLS
NON-FICTION
- Writing an autobiography
- Writing a personal recount
- Writing a non-chronological report
- Writing a persuasive letter

FICTION
- Writing a sea narrative story
- Writing a suspense story

COMPREHENSION
FICTION
- Fantasy narrative
- Adventure narrative
- Legend
- Science fiction
- Real-life narrative

NON-FICTION
- Interview
- Non-chronological report
- Food chain reference
- Biography
- Blog diary
- Newspaper article and persuasive advert
- Information text
- Magazine article

POEMS
- List poem
- Humorous list poem
- Space adventure poem
- Conservation poem
- Real-life poem
- Rhythmic poem
- Rap poem

LITERATURE
- Charlotte's Web (1st term)
- The Canterville Ghost and other Stories (2nd term)

URDU

مختلف عنوانات پر تخلیقی لکھائی

خطوط نویسی

تفہیم

ہجے اور املا

جملہ سازی

واحد/جمع

الفاظ /ضد

مذکر/مونث

الفاظ /مترادف

تشبیہات

محاورات کے معنی اور جملوں میں ان کا استعمال

اسم معرفہ اور اسم نکرہ

فعل اور اسکے زمانے

اسمِ ضمیر

اسمِ صفت

کاروانِ اردوبک 5

اوریجنز اردو عملی کتاب 1 اور 2

MATHEMATICS

NEW SYLLABUS PRIMARY MATHEMATICS 5

NUMBERS UP TO 10 MILLION
- Counting to 10 Million
- Prime Numbers
- Highest Common Factor (HCF)
- Least Common Multiple (LCM)

FOUR OPERATIONS
- Multiplying by Tens, Hundreds and Thousands
- Dividing by Tens, Hundreds and Thousands
- Order of Operations

INTRODUCTION TO ALGEBRA
- Using Letters for Unknown Quantities

FRACTIONS
- Fractions and Division
- Adding Mixed Numbers
- Subtracting Mixed Numbers
- Solving Word Problems
- Multiplying a Fraction and a Whole Number
- Multiplying Two Fractions
- Multiplying a Mixed Number and a Whole Number

RATIO
- Ratio
- Equivalent Ratios
- Solving Word Problems

AREA OF TRIANGLES
- Base and Height of a Triangle
- Area of Triangles

VOLUME
- Volume in cm³ and m³
- Volume of Liquids

DECIMALS
- Multiplying by Tens, Hundreds and Thousands
- Dividing by Tens, Hundreds and Thousands
- Converting Measurements

AVERAGE
- Average

ANGLES
- Angles on a Straight Line
- Angles at a Point
- Vertically Opposite Angles

SOCIAL STUDIES

WORLD WATCH SOCIAL STUDIES FOR PRIMARY SCHOOLS 5

- Karachi
- Balochistan
- Climate Change
- Our World
- Colonization of the Subcontinent
- The War of Independence
- The Struggle for Independence
- Inventions & Discoveries

ISLAMIC EDUCATION

ISLAMIYAT FOR PRIMARY CLASSES 5

- Allah
- Pillars of Islam
- Iman, articles of faith
- Hazrat Muhammad- Life and Prophethood
- Preaching Islam
- Opposition of the Quraish
- Migration to Abyssinia
- Boycott by the Quraish
- Journey to Taif
- Pledge of Aqaba
- The Islamic State
- Personalities of Islam
- Honesty
- Rights of people
- Good manners
- Stories from the Quran

SCIENCE

OXFORD INTERNATIONAL PRIMARY SCIENCE 5

LIFE CYCLE AND GROWTH OF FLOWERING PLANTS

- The structure of flowering plants
- Flowering plants and reproduction
- Observing seeds
- Spreading seeds by wind and water
- Spreading seeds by animals and explosion
- Pollinating flowers
- Attracting insect pollinators

- Looking at flowers in detail
- Fertilisation in flowering plants
- Life cycle of flowering plants
- Does seed germination need light?
- Does seed germination need water and warmth?
- Plants and water
- Plants and light
- Can plants have too much light?
- Plants and warmth

LIFE CYCLES AND GROWTH OF ANIMALS AND HUMANS
- Life processes
- Living or non-living?
- Comparing plants and animals
- Reproduction in animals and humans
- Life cycle of insects
- Life cycle of amphibians and birds
- Life cycle of mammals
- Human growth

PROPERTIES AND CHANGES OF MATERIALS
- Comparing and exploring the uses of materials
- Reversible and irreversible changes
- Are cooking, heating and burning reversible or irreversible changes?
- Putting out fires
- Separating mixtures of solids
- Adding solids to water
- Separating insoluble solids from liquids by filtering
- Using more separating techniques
- Investigating solids and solutions
- Energy changes and reactions

EARTH AND SPACE
- The solar system
- The Sun appears to move, but it doesn't
- Day and night
- How long does it take the Earth to spin on its axis?
- Shadows move and change
- We say the Sun rises and sets
- The seasons in a year
- The shape of the Earth, Sun and Moon

FORCES IN ACTION
- Things that go up always come down
- Mass and weight
- Investigating gravity, mass and weight
- Measuring mass and weight
- Investigating forces
- Investigating magnetism and floating
- Balanced and unbalanced forces
- Energy transfers
- Investigating friction

- Friction and air resistance
- Friction and water resistance
- Investigating simple machines
- Using levers as a force multiplier

COMPUTER STUDIES

OXFORD INTERNATIONAL PRIMARY COMPUTING BOOK 5

CHAPTER 1: THE NATURE OF TECHNOLOGY
COMPUTER NETWORKS
1.1   What is a network?
1.2   Network connections
1.3   The internet
1.4   The changing world of work
1.5   Living with the internet

CHAPTER 2: DIGITAL LITERACY
SEARCHING THE WORLD WIDE WEB
2.1 Searching the web
2.2 How search engines work
2.3 Search results
2.4 Choosing web content
2.5 Giving credit
2.6 Web challenge

CHAPTER 5: MULTIMEDIA
ILLUSTRATING A RECIPE CARD
5.1 Plan a photo shoot
5.2 Take digital photos
5.3 Share your photos
5.4 Improve your photos
5.5 Retouch photos
5.6 Add photos to a document

CHAPTER 6: NUMBERS AND DATA
MY PIZZA SNACK BAR
6.1 Record your costs
6.2 Calculate your costs
6.3 Calculate your profit
6.4 Create a summary worksheet
6.5 Work independently
6.6 Use your spreadsheet model

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

PHYSICAL EDUCATION

WARM-UP ACTIVITIES
Exercises that target major muscle groups and increase flexibility

FUNDAMENTAL MOTOR SKILLS
- Refined running, jumping, throwing, catching and kicking skills, focusing on form and technique
- Introduction of more complex movements, such as dodging, weaving and pivoting

TEAM SPORTS AND GAMES
- Strike a moving ball with a bat, racquet, or paddle, using correct techniques.
- Demonstrate principles of accuracy, force, opposition, and follow-through when kicking, dribbling, striking, or throwing in game situations.
- Emphasis on advanced offensive and defensive strategies and encouragement of tactical thinking
- Track and field activities
- Promotion of sportsmanship, leadership and positive communication on and off the field

SWIMMING
- Setting and meeting personal group targets in swimming events, water-based activities, personal survival challenges and competitions.
- Using a range of recognised strokes, techniques and personal survival skills with technical proficiency.

ART & DESIGN

- Primary colours (red, blue, yellow)
- Secondary colours (mixing of primary colours)
- Collage using primary and secondary colours
- Exploring colours according to the four seasons
- A walk through nature (4 different types)
- Positive and negative drawing (black and white)
- Surreal drawing (hot air balloon)
- Zentangles (black and white line art)
- Paper plate string art
- Jasper Johns numbers
- Still life
- Warm and cool colours
- Agamograph art
- Warli art
- Perspective drawing
- Echo art
- Hand made shopping bags
- Abstract art
- Landscape drawing
- Shadow tracing
- Underwater flashlight craft
- Drawing by names

ART HISTORY
Students will research information on the life and works of PIET MONDRIAN.
They will prepare works of art (composition and abstract) based on their
understanding of the artist, his time and place in history, and his works.