Kothari international School, Noida
Cambridge Lower Secondary Grade LS 1 (Grade 6)
Annual Curriculum Overview for the Session 2024-2025

SUBJECT - ENGLISH

TOPIC/UNIT	CONTENT
UNIT 1: Adventure	Reading and Writing ● Summarise genre features ● Writing monologues ● Analysing meanings of poems ● Short Story Language ● Nouns and Adjectives ● Adjectival Order ● Alliteration ● Powerful Verbs
Unit 4: Small but perfect	Listening and Speaking ● Phonology ● Speech Sound Drills ● Syllables ● Syllable Identification Techniques Writing ● Flash Fiction ● Writing poetry ● Haiku ● Writing Descriptions Language ● Time connectives ● Prefixes

Unit 2: Hey you down there	**Writing**
	    ● Writing about themes
	    ● Descriptive writing
	
	Language
	    ● Sentence Openings
	    ● Coordinating and Subordinating Conjunctions
	    ● Simple, Compound and Complex sentences
	    ● Formal and Informal language
	
	Reading
	    ● Texts from the Unit

Unit 5: Unusual Education	**Writing**
	    ● Letter Writing
	    ● Script Writing
	
	Language
	    ● Punctuation
	    ● Connectives

Unit 6: Life Stories	**Reading, Writing and Analysis**
	    ● Language and Letter analysis
	    ● Persuasive writing Features
	
	Listening and Speaking
	    ● Rhyme and Rhythm
	    ● Tone and Voice
	Language
	    ● Irregular Verbs
	    ● Tenses

UNIT 3: Film and Fame	UNIT 3: Film and Fame
	Writing
	• Film Review
	• Dialogue Writing
	Language
	• Reported Speech
	• Noun-adjective combination
Unit 7:The Travel Agency Unit 8: In the City	Writing • Writing Narratives • Diary entry • Article Writing Speaking • Building Expression • Narration Language • Simile and Metaphors • Personification • Hyperbole
Unit 9: Dangers of the Sea	Reading, Writing and Analysis • Poetry analysis • Story extension Language • Poetic Language

SUBJECT - LANGUAGE ACQUISITION: FRENCH

TOPIC/UNIT	CONTENT
Unit 1: Bonjour	• Greetings • Classroom objects

	● Numbers 0-30 ● Introduction of masculine feminine
Unit 2: J'habite ici	● Talk about where you live ● French town- la Rochelle ● Prepositions withs towns and countries
Unit 3: Chez moi	● My family ● Adjective possessive ● Etre verb ● Days of the week ● Numbers upto 100 ● Time ● Definite & indefinite articles
Revision	● Revision of Unit 1, 2, 3 ● Worksheets will be done ● Preparation of Mid term Examination
Unit 4: Les animaux	● Animals ● Describing your pet animal ● Talk about likes and dislikes ● Avoir verb ● Interrogation
Unit 5: Des fetes et des festivals	● Important events in the year ● Clothes ● Birthdays and presents ● Revision of etre and avoir ● Plural of nouns and adjectives
Unit 6 : Qu'est ce que tu fais ?	● Weather ● Seasons ● Leisure Activities & sport ● ER verbs ● Aller verb
Unit 7 :Une ville de France	● Places in town ● Asking Information ● Giving Directions ● Prepostions

SUBJECT - GLOBAL PERSPECTIVES

TOPIC/UNIT	SKILL DEVELOPMENT
UNIT-1 What makes us human?	● Research: Getting started and choosing a research question; ● Collaboration:Working as a team ● Analysis: Recognising arguments and checking the evidence ● Communication- Debating the answer
UNIT-2 Diplomacy and Traditions	● Reflection: Curious customs; ● Research: Asking questions and finding information ● Analysis: Organising your notes ● Communication: Sharing your findings
UNIT-3 Globalisation	● Analysis: what is globalisation, opposite sides and analysing graphs ● Research: Surveys ● Perspectives and interviews ● Communication: Creating a poster
UNIT-4 Education	● Evaluation: facts vs opinions ● Analysis: understanding causes, thinking about consequences and fixing the problem
UNIT-5 Seeking refuge	●Evaluation: Bias, the power of words and reading stories ●Reflection: refugees amongst us
UNIT-6 Employment	●Collaboration: teamwork challenges ●Research: work and wages and forced labour ●Analysis: unpaid work ●Analysis and Evaluation: Your Personal goals

SUBJECT - MATHEMATICS

TOPIC/UNIT	CONTENT
INTEGERS	1.1 Adding & subtracting integers 1.2 Multiplying & dividing integers 1.3 Lowest common multiple 1.4 Highest common factor 1.5 Tests of divisibility 1.6 Square roots & cube roots
PLACE VALUE & ROUNDING	3.1 Multiplying and dividing by powers of 10 3.2 Rounding
DECIMALS	4.1 Ordering decimals 4.2 Adding and subtracting decimals 4.3 Multiplying decimals 4.4 Dividing decimals 4.5 Making decimal calculations easier
FRACTIONS	7.1 Ordering fractions 7.2 Adding mixed numbers 7.3 Multiplying fractions 7.4 Dividing fractions 7.5 Making fraction calculations easier
PERCENTAGES	10.1 Fractions, decimals & percentages 10.2 Percentages large & small
RATIO & PROPORTION	12.1 Simplifying ratios 12.2 Sharing in a ratio 12.3 Using direct proportion
EXPRESSIONS, FORMULAE & EQUATIONS	2.1 Constructing Expressions 2.2 Using expressions & formulae 2.3 Collecting like terms

	2.4 Expanding brackets 2.5 Inequalities
ANGLES	5.1 A sum of 360° 5.2 Intersecting lines 5.3 Drawing lines & quadrilaterals
SHAPES & SYMMETRY	8.1 Identifying the symmetry in 2D shapes 8.2 Circles & polygons 8.3 Recognising congruent shapes 8.4 3D shapes
SHAPES. AREA & VOLUME	15.1 Converting between units for area 15.2 Using hectares 15.3 The area of a triangle 15.4 Calculating the volume of cubes & cuboids 15.5 Calculating the surface area of cubes & cuboids
PROBABILITY	13.1 The probability scale 13.2 Mutually exclusive events 13.3 Experimental probabilities
SEQUENCES & FUNCTIONS	9.1 Generating sequences (1) 9.2 Generating sequences (2) 9.3 Using the nth term 9.4 Representing simple functions
GRAPHS	11.1 Functions 11.2 Graphs of functions 11.3 Lines parallel to the axes 11.4 Interpreting graphs
POSITION & TRANSFORMATION	14.1 Maps & plans 14.2 The distance between two points 14.3 Translating 2D shapes 14.4 Reflecting shapes 14.5 Rotating shapes

	14.6 Enlarging shapes
COLLECTING DATA INTERPRETING RESULTS	6.1 Conducting an investigation 6.2 Taking a sample 16.1 Two-way tables 16.2 Dual & compound bar charts 16.3 Pie charts & waffle diagrams 16.4 Infographics 16.5 Representing data 16.6 Using statistics

SUBJECT - SCIENCE

TOPIC/UNIT	**CONTENT**
UNIT 1 CELLS	1.1 Plant cells 1.2 Animal cells 1.3 Specialised cells 1.4 Cells, Tissues and organs
UNIT 2 MATERIALS AND THEIR STRUCTURE	2.1 Solids, liquids and gases 2.2 Changes of state 2.3 Explaining changes of state 2.4 The Water cycle 2.5 Atoms, molecules and the Periodic table 2.6 Compounds and formulae 2.7 Compounds and mixtures
UNIT 3 FORCES AND ENERGY	3.1 Gravity, weight and mass 3.2 Formation of the Solar System 3.3 Movement in space 3.4 Tides 3.5 Energy

	3.6 Changes in energy 3.7 Where does energy go?
UNIT-4 GROUPING AND IDENTIFYING ORGANISMS	4.1 Characteristics of living organisms 4.2 Viruses 4.3 What is a species? 4.4 Using keys 4.5 Constructing keys
UNIT-5 PROPERTIES OF MATERIALS	5.1 Metals and non-metals 5.2 Comparing metals and non-metals 5.3 Metal mixtures 5.4 Using the properties of materials to separate mixtures 5.5 Acids and alkalis 5.6 Indicators and the PH scale
UNIT 6 EARTH PHYSICS	6.1 Sound Waves 6.2 Reflections of sound 6.3 Structure of the Earth 6.4 Changes in the Earth 6.5 Solar and Lunar eclipses
UNIT 7 MICROORGANISMS IN THE ENVIRONMENT	7.1 Microorganisms 7.2 Food chains and webs 7.3 Microorganisms and decay 7.4 Microorganisms in food webs
UNIT 8 CHANGES TO MATERIALS	8.1 Simple chemical reactions 8.2 Neutralisation 8.3 Investigating acids and alkalis 8.4 Detecting chemical reactions
UNIT 9 ELECTRICITY	9.1 Flow of electricity 9.2 Electrical circuits 9.3 Measuring the flow of current 9.4 Conductors and insulators 9.5 Adding or removing components

SUBJECT - ICT

TOPIC/UNIT	CONTENT
The nature of technology: Storing digital data	· Digital data · Reading binary numbers · Adding in binary · Decimal to binary · Digital text and numbers · Sound and vision
Digital Literacy: Staying Safe online	· Collecting data online · Danger online · Protect your computer · Cyberbullying · Use content responsibly · Giving credit
Computational thinking: Programming languages	- Make a simple - calculator - Input and output in Python - Make a Python program · Add two numbers - Choose a language · Source code and - machine code
Programming: It all adds up	- Logical tests and choice - Add up a total - Conditional loop - A class project - Extend the project · Readable and user friendly
Multimedia: Make a podcast	- Plan a podcast - Digital audio recording · Record your podcast · Finish your podcast · Share your podcast · Improve your podcast
Numbers and Data: Business data table	Collect product data · Records and

	fields · Data types and formats Calculations ● Show bad data ● Block bad input

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SUBJECT - ART AND DESIGN

TOPIC/UNIT	**CONTENT**
Elements of Art Principal of Design	● Introducing the basic building blocks of visual art, including line, shape, form, colour, texture, space, and value. ● Explaining fundamental principles that govern the organisation of visual elements in art, such as balance, contrast, emphasis, ● movement, pattern, rhythm, and unity.
Drawing Fundamentals	● Teaching foundational drawing skills, including observation, contour drawing gesture drawing and basic perspective.
Colour Theory	● Introducing concepts such as the colour wheel, primary, secondary, and tertiary colours, colour harmony,

	value, saturation, and temperature.
Understanding Compositions Basics Painting Techniques	● Understanding Composition: Explaining how to arrange elements within a picture plane to create visually pleasing compositions, including concepts like focal point, rule of thirds, and framing ● Basic Painting Techniques: Introducing students to various painting techniques using watercolours, acrylics, or tempera, including colour mixing, blending, layering, and brushwork.: Explaining how to arrange elements within a picture plane to create visually pleasing compositions, including concepts like focal point, rule of thirds, and framing.
Introduction to Sculpture	● Introduction to Sculpture: Exploring three dimensional art forms through basic sculpting techniques using clay, paper mache, or found objects.
Art Materials and Tools	● Art Materials and Tools: Familiarising students with a range of art materials and tools, including pencils, erasers, brushes, paints, clay, carving tools, and safety precautions when using them.Art History Overview: Providing a broad overview of art history, highlighting key movements, styles, and artists from different cultures and time periods
Art and Nature: Encouraging	● Encouraging students to observe and draw inspiration from the natural

	world, including plants, animals, landscapes, and natural textures.

SUBJECT - WELL BEING

<u>TOPIC/UNIT</u>	<u>CONTENT</u>
Introduction to Wellbeing	● Introduction ● Aspects of wellbeing
Understanding myself	● Identifying emotions ● Managing emotions
Understanding myself	● Healthy habits ● Importance of healthy hab
My relationships	● Introduction to Healthy relationships ● Traits of Healthy relationships

*If any subject is not listed, we will provide the information for it by next week.