



KOTHARI INTERNATIONAL SCHOOL
(CAMBRIDGE & IB)
CURRICULUM OVERVIEW LS -1
Session- **JULY - April : 2025-2026**



SUBJECT – ENGLISH

MONTH	UNIT/TOPIC	CONCEPTS
JULY	UNIT 1: Adventure UNIT 4: Small but perfect UNIT 2: ‘Hey, you down there’	Writing ● Writing about themes ● Descriptive writing ● Summarise genre features ● Writing monologues ● Analysing meanings of poems ● Short Story ● Flash Fiction ● Writing poetry ● Haiku Language ● Sentence Openings ● Coordinating and Subordinating Conjunctions ● Simple, Compound and Complex sentences ● Formal and Informal language Reading ● Texts from the Unit
AUGUST	UNIT 5: Unusual Education	Writing ● Letter Writing ● Script Writing Language ● Punctuation ● Connectives
SEPTEMBER	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

OCTOBER	UNIT 3: Film and Fame	Writing ● Film Review ● Dialogue Writing Language ● Reported Speech ● Noun-adjective combination
NOVEMBER	UNIT 7: The Travel Agency	Writing ● Writing Narratives ● Diary entry Speaking ● Building Expression ● Narration Language ● Simile and Metaphors
DECEMBER	Revision and Half Yearly Exams	All Units Taught
JANUARY	UNIT 8: In the City	Writing ● Article Writing Speaking ● Building Expression ● Narration Language ● Personification ● Hyperbole
FEBRUARY	UNIT 9: Dangers of the Sea	Reading, Writing and Analysis ● Poetry analysis ● Story extension Language ● Poetic Language
MARCH	UNIT 9: Dangers of the Sea	Reading, Writing and Analysis ● Poetry analysis ● Story extension Language ● Poetic Language
APRIL - MAY	REVISION AND FINAL EXAMS	Units being assessed

SUBJECT – MATHEMATICS

MONTH	UNIT/TOPIC	CONCEPTS
JULY 2025	Ch 1 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
JULY 2025	Ch 2 EXPRESSIONS, FORMULAE & EQUATIONS	2.1 Constructing Expressions 2.2 Using expressions & formulae 2.3 Collecting like terms 2.4 Expanding brackets 2.5 Inequalities
AUGUST 2025	Ch 3 PLACE VALUE & ROUNDING	3.1 Multiplying and dividing by powers of 10 3.2 Rounding
AUGUST 2025	Ch 4 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
SEPTEMBER 2025	Ch 5 ANGLES	5.1 A sum of 360° 5.2 Intersecting lines 5.3 Drawing lines & quadrilaterals
SEPTEMBER 2025	Ch 6 COLLECTING DATA	6.1 Conducting an investigation 6.2 Taking a sample
OCTOBER 2025	Ch 7 FRACTIONS	7.1 Ordering fractions 7.2 Adding mixed numbers 7.3 Multiplying fractions 7.4 Dividing fractions 7.5 Making fraction calculations easier
OCTOBER 2025	Ch 8 SHAPES & SYMMETRY	8.1 Identifying the symmetry in 2D shapes 8.2 Circles & polygons 8.3 Recognising congruent shapes 8.4 3D shapes
NOVEMBER 2025	Ch 9 SEQUENCES & FUNCTIONS	9.1 Generating sequences (1) 9.2 Generating sequences (2) 9.3 Using the nth term 9.4 Representing simple functions

NOVEMBER 2025	Ch 10 PERCENTAGES	10.1 Fractions, decimals & percentages 10.2 Percentages large & small
DECEMBER 2025	HALF YEARLY EXAM	Ch 1 -10
JANUARY 2026	Ch 11 GRAPHS	11.1 Functions 11.2 Graphs of functions 11.3 Lines parallel to the axes 11.4 Interpreting graphs
JANUARY 2026	Ch 12 RATIO & PROPORTION	12.1 Simplifying ratios 12.2 Sharing in a ratio 12.3 Using direct proportion
FEBRUARY 2026	Ch 13 PROBABILITY	13.1 The probability scale 13.2 Mutually exclusive events 13.3 Experimental probabilities
FEBRUARY 2026	Ch 14 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
MARCH 2026	Ch 15 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
MARCH 2026	Ch 16 INTERPRETING RESULTS	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
APRIL & MAY 2026	REVISION & FINAL EXAM	Ch 1, Ch 7 AND Ch 9 -16

SUBJECT – SCIENCE

MONTH	UNIT/TOPIC	CONCEPTS
JULY 2025	UNIT 1 - CELLS	1.1 Plant cells 1.2 Animal cells 1.3 Specialised cells 1.4 Cells, Tissues and organs
AUGUST 2025	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
SEPTEMBER 2025	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?

OCTOBER 2025	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
NOVEMBER 2025	UNIT 5 PROPERTIES OF MATERIALS	5.1 Metals and non-metal 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
DECEMBER 2025	REVISION UNITS 1 TO 5 UNIT 6 EARTH PHYSICS	HALF YEARLY EXAMS 6.1 Sound Waves 6.2 Reflections of sound 6.3 Structure of the Earth
JANUARY 2026	UNIT 6 CONTINUED EARTH PHYSICS UNIT 7 MICROORGANISMS IN THE ENVIRONMENT	6.4 Changes in the Earth 6.5 Solar and Lunar eclipses 7.1 Microorganisms 7.2 Food chains and webs 7.3 Microorganisms and decay 7.4 Microorganisms in food webs

FEBRUARY 2026	UNIT 8 CHANGES TO MATERIALS	8.1 Simple chemical reactions 8.2 Neutralisation 8.3 Investigating acids and alkalis 8.4 Detecting chemical reactions
MARCH 2026	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
APRIL 2026	REVISION	UNITS 6-9

SUBJECT – GLOBAL PERSPECTIVES

MONTH	UNIT/TOPIC	SKILLS DEVELOPED
JULY - AUGUST 2025	UNIT 1 - Diplomacy and national traditions	● Introduction to Perspectives and Traditions ● What are culture, customs, and Traditions? ● India- A land of Unity in Diversity ● Researching Traditions from Other Cultures ● Extraordinary Traditions
AUGUST - SEPTEMBER 2025	UNIT 2 - Globalisation	● What is globalization? ● History of Globalisation ● Types of Globalization ● What are transnational corporations? ● Factors Influencing Globalisation ● Impact of globalisation ● Positive and Negative effects of Globalisation
OCTOBER- NOVEMBER 2025	UNIT 3 - Water crisis	● Introduction to the topic of the water crisis and why we need water? ● Why do people not have access to clean water? ● Solving the water crisis PREPARATION FOR GP FAIR
NOVEMBER- DECEMBER 2025	UNIT 4 - Education	● Meaning of education and its significance ● What's education for? ● Is Education a Human Right? ● Is education gender biased? ● Curricula Offered in India & Literacy Rates ● Private Schools vs. Public School- How do the students compare? ● Economics & Education- How does education affect a country's economy?
DECEMBER 2025	REVISION	UNIT- 1, 2 & 3 and HALF YEARLY EXAMINATION

JANUARY– FEBRUARY 2026	UNIT 5 - What makes us human	Humans and other species • Developing questions about humans • Arguments and evidence
FEBRUARY- MARCH 2026	UNIT 6 - Employment	• The meaning of employment and different types of jobs. • The role of minimum wage and its impact on workers and businesses. • The causes and consequences of unpaid work, child labour, and forced labour. • How job opportunities are evolving due to automation and globalization.
APRIL- MAY 2026	REVISION AND FINAL EXAMS	UNITS- 4, 5 & 6 and TERM END EXAMINATION

SUBJECT – LANGUAGE: FRENCH

MONTH	UNIT/TOPIC	CONCEPTS
July/August	Unit-1- Bonjour Unit-2- J’habite ici	Greetings, phonétiques, alphabets, Tu /vous
August	Unit-3 Chez moi	family,avoir, adjectif possessif
September	Unit-4 Les animaux	erte verb, avoir , interrogation, numbers till 70
October	Unit-5- Des fetes et des festivals	Festivals, Describing events
November	Unit-6 Qu’est-ce que tu fais?	Weather, seasons, leisure activities, 70-100 numbers
December	Revision and Half yearly	Unit - 1- 6
January	Unit 7 - Une Ville de France	Talking about town, Aller, Contracted articles, directions
February	Unit 8- Une journée scolaire Unit-9 C’est bon !	Typical day in school, school subjects, opinions, reflexive verbs
March	Unit 10 Amuse-toi bien!	Household activities, faire, jouer
April- May	Revision and End Term Examination	Revision and End Term Examination Unit 7-10

SUBJECT – LANGUAGE: SPANISH

MONTH	UNIT/TOPIC	CONCEPTS
JULY	Lección 1 - Mi primer contacto con el español	● El abecedario (Alphabets) ● Las letras y los sonidos (Letters & sounds) ● El género (Masculino/Femenino) (Singular/Plural) ● Los saludos y las despedidas (Greetings) ● Los números - I (Numbers: 0–30)
AUGUST	Lección 2 - Todo sobre mí	● Los pronombres personales (Subject pronouns) ● Los verbos ser, llamarse y tener (Verbs) ● Formación de las frases (Sentence formation) ● Las nacionalidades (Nationalities) ● Las profesiones (Professions)grad ● Mi presentación (Introduction)
SEPTEMBER	Lección 3 - La clase de español	● Las expresiones para la clase (Classroom expressions) ● El uso de “De” (Use of De) ● Los artículos (Articles) ● Los colores (Colors) ● Los días y los meses (Days & months) ● Las estaciones y el clima (Seasons & climate)

OCTOBER - NOVEMBER	Lección 4 - ¡Feliz cumpleaños!	• Los signos del zodiaco (Zodiac signs) • El verbo “Estar” (Estar verb) • Los usos del Estar (Uses of estar) • Los posesivos (Possessive adjectives) • El árbol genealógico (Family tree) • Los números - II (Numbers 31–100)
DECEMBER	MID TERM EXAMS	UNIT 1 TO 4
JANUARY	Lección 5 - Mi casa	• Las preposiciones de lugar - I (Prepositions of places) • Los verbos regulares (Regular verbs) • Formación de oraciones (Sentence formation) • La negación (Negation) • Formación de preguntas (Question formation)
FEBRUARY	Lección 6 - Nuestra escuela	• Las asignaturas (Subjects) • Las actividades de la escuela (Activities in school) • Los verbos irregulares (Irregular verbs) • Los números - III (100–1,000)
MARCH	Lección 7 - Mi ciudad es tu ciudad	• Las direcciones (Directions) • Uso de “Hay” (Use of Hay) • El verbo “Gustar” (Gustar verb) • Los adjetivos demostrativos (Demonstrative Adj) • Los verbos con cambios raíz (Radical changing verbs)

APRIL	Lección 8 - Mi mejor amigo	• Los verbos para describir una persona (Description) • Los adjetivos con el verbo ser (Adjectives used with ser) • El cuerpo (Body) • Prendas de vestir (Clothes)
APRIL - MAY	REVISION AND FINAL EXAMS	UNIT 5-8

SUBJECT – LANGUAGE: GERMAN

MONTH	UNIT/TOPIC	CONCEPTS
JULY - SEPTEMBER 2025	UNIT 1 - HALLO !	● to greet others ● to introduce oneself ● to enquire about name and age ● to count till 20
AUGUST - SEPTEMBER 2025	UNIT 2 - DAS IST MEINE FAMILIE	● to introduce one's family ● to elicit information about a person and reproduce the same ● To report about a person
SEPTEMBER - OCTOBER 2025	UNIT 3 - HAST DU GESCHWISTER ?	● to elicit and give information about the family ● to characterise a person ● to count from 20 onwards ● to elicit and give information about a person's age ● to enquire about telephone numbers and give one's own ● to interview an adult
OCTOBER - NOVEMBER 2025	UNIT 4 - WO WOHT IHR ?	● to ask peers about their domicile and answer questions about the same ● to localise a city in a country

DECEMBER 2025	HALF YEARLY EXAMINATION	(UNIT 1 - 4)
JANUARY 2026	UNIT 5 - Das Haus von Familie Weigel	● to name the rooms in a house ● enquire about the rooms and describe the same ● ask about objects in a house and answer the question
FEBRUARY 2026	UNIT 6 - Ein Besuch	● to ask about the wellbeing of a person and answer questions about the same ● to offer something to guests - acceptance or refusal ● to express a wish or preference
MARCH 2026	UNIT 7 - Mautzi, unsere Katze	● to question one's friends about their pets and respond to their questions ● to talk about food preferences of one's pets

MARCH - APRIL 2026	UNIT 8 - Die Nachbarn von Familie Weigel	• to ask about one's place of origin and answer questions about the same • to ask about knowledge of foreign languages and answer questions about the same • to say, which language is spoken in a particular country
APRIL - MAY 2026	REVISION & FINAL EXAM	(UNIT 5- 8)

SUBJECT – LANGUAGE: HINDI

MONTH	UNIT/TOPIC	CONCEPTS
JULY	1. नन्हा - मून्ना राही हूँ (गीत)	व्याकरण एवं शब्दावली: 1. वर्ण विचार (Phonology) 2. शब्द विचार (Morphology) 10. 'र' के विविध रूप पठन:अपठित गद्यांश
AUGUST	2. छोटा जादूगर (कहानी)	व्याकरण: 3. संज्ञा (Noun) 4. सर्वनाम (Pronoun) 9. की/कि में अंतर रचनात्मक लेखन: ● पत्र लेखन श्रवण: संवाद
SEPTEMBER	3. साइकिल की सवारी (हास्य-व्यंग्य)	व्याकरण: 5. विशेषण (Adjective) 4. क्रिया (Verb) रचनात्मक लेखन: ● निबंध श्रवण: समाचार
OCTOBER	4. काकी (एकांकी)	व्याकरण: 7. लिंग (Gender) 8. वचन (Number) सृजनात्मक लेखन: ● चित्र वर्णन
NOVEMBER	5. पिंजरे का जीवन (कविता)	व्याकरण: 12. काल 13. कारक

		17. विलोम शब्द 18. पर्यायवाची शब्द श्रवण कौशल: ● कहानी रचनात्मक लेखन: ● कविता लेखन
DECEMBER	HALF YEARLY EXAMINATION	Revision & Half yearly exam
JANUARY	6. समय पर न मिलने वाले (हास्य-व्यंग्य)	11. विराम चिन्ह (Punctuation) श्रवण: संवाद
FEBRUARY	7. नीति के दोहे (दोहे)	व्याकरण: 16. समरूपी भिन्नार्थक शब्द 17. अनेक शब्दों के लिए एक शब्द श्रवण कौशल: ● व्यक्तित्व परिचय
MARCH	8. प्यार की जीत (एकांकी)	18. अनेकार्थी शब्द 19. मुहावरे सृजनात्मक लेखन: ● निबंध लेखन
APRIL	Revision	श्रवण: ज्ञानवर्धक (Informative)
APRIL - MAY	REVISION AND FINAL EXAMS	FINAL EXAM

SUBJECT – ICT

MONTH	TOPIC	CONCEPT
July & August 2025	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
August & September 2025	Digital Literacy: Staying Safe online	● Collecting data online ● Danger online ● Protect your computer ● Cyberbullying ● Use content responsibly ● Giving credit
October & November 2025	Unit 3- 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

December	Revision and Halfyearly exam	Half yearly exam
January 2025-2026	Unit 4 - 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
February 2026	Unit 5 -Multimedia: Make a podcast	• Plan a podcast • Digital audio recording • Record your podcast • Finish your podcast • Share your podcast • Improve your podcast
March & April 2026	Unit 6- Numbers and Data: Business data table	• Collect product data • Records and fields • Data types and formats • Calculations • Show bad data • Block bad input
April & May	REVISION AND FINAL EXAMS	Final exam

SUBJECT – ART & DESIGN

MONTH	UNIT/TOPIC	CONCEPTS
July	Still Life Study ,composition study	Study of different objects & shapes . learning shading & highlights
July	Introduction to Installation Art Understand the concept and impact of installation art	- Brainstorming session in small groups – select a theme (e.g., pollution, equality, mental health, overconsumption) - Explore close-up composition and organic forms - Teach flower structure, negative space, and blending techniques - Visual presentation of installation artists (e.g., El Anatsui, Subodh Gupta, Sayaka Ganz) + Class discussion - Create sketches and models for layout and execution - Bring waste items from home; sorting by material and texture - Explore color mixing, texture, and light in garden settings
August	Artist : Andy Warhol (USA) Silkscreen & Pop Art (Installation Art) Artist : Keith Haring (USA)	- Create pop portraits or repeated images with bright color schemes - Study consumer culture, repetition, and color theory - Draw simplified figures with strong lines and vibrant colors

August	Pop Art / Bold Line Drawings Artist : El Anatsui (Nigeria) Installation Art Artist : Sayaka Ganz (Japan) Sculptures of animals from plastic waste	● Study pop culture, public art, and movement in composition ● Large wall hangings made from bottle caps and found materials ● Create a collaborative wall piece using old wrappers, foil, fabric, or bottle caps ● Students collect plastic items and create animal shapes to raise awareness of pollution Creative Installation
September - October	Artist : Jatin Das (1960s–present) Drawing, painting, murals Artist : Yayoi Kusama (Japan) Dot Art & Installation Concepts (pen/paint/3D) .	● focus on human movement ● Create gesture drawings, study human emotion and motion through quick sketching. ● Explore repetition, pattern, and space in art
October - November	Artist : Frida Kahlo (Mexico)	● Explore identity, symbolism, and surrealist themes
November - December	Artist : Salvador Dalí (Spain) Surrealist Dreamscapes (color pencils and inks) Artist : FN Souza (India) Line Drawing & Expressionistic Faces (ink/pen Artist : Pablo Picasso (Spain) Cubism Collage with Paper & Magazine Cuttings Artist : Henri Matisse (France) Paper Cut-Outs (Collage).	● Understand surrealism and imaginative storytelling ● Express emotion and distortion in portraiture

December	Revision and Halfyearly exam	Half yearly exam
January	Artist : Pablo Picasso (Spain) Cubism Collage with Paper & Magazine Cuttings.	Analyze form through abstraction and cubism
February	Artist : Nandalal Bose Cultural revivalist works.	Merged nationalism with artistic identity; key mentor at Santiniketan
March	Artist : S.H. Raza Acrylic, mixed media Abstract art with bindu symbolism, rooted in Indian philosophy.	Teach mandala-like compositions using geometric abstraction and color theory.
April & May 2026	REVISION AND FINAL EXAMS	Final exam

SUBJECT – WELLBEING

MONTH	UNIT/TOPIC	CONCEPTS
JULY	UNDERSTANDING MYSELF	● Identifying emotions ● Managing emotions ● Introduction to Healthy habits ● Significance of Healthy habits in enriching wellbeing
AUGUST	MY FRIENDSHIPS	● Introduction to Healthy friendships ● Characteristics of Healthy friendships ● Maintaining healthy friendships
SEPTEMBER	UNDERSTANDING EXAMINATION STRESS	● Introduction to Examination stress ● Signs of Examination stress ● Tips to manage examination stress effectively
OCTOBER	NAVIGATING MY WORLD	● Introduction to Personal safety ● Significance of Netiquette in interpersonal communication ● Recognising Empathy vs. sympathy

NOVEMBER	NAVIGATING MY WORLD	● Coping with healthy vs. unhealthy changes in life ● Impact of healthy vs. unhealthy changes in life ● Introduction to sustainable environment ● Importance of protecting the environment
DECEMBER	MID-TERM EXAMS	MID-TERM EXAMS
JANUARY	GOAL SETTING	● Introduction to Goal setting ● Framing Academic Goals
FEBRUARY	SIGNIFICANCE OF ACADEMIC GOAL SETTING	● Understanding Academic goals. ● Impact of goal setting in enriching academic journey
MARCH & APRIL	WELLBEING REVIEW	● Understanding the meaning of wellbeing ● Key reflection on the different areas of their wellbeing (emotional, physical, social, and mental)

	WELLBEING PROJECT	● Identifying one personal strength and one area to grow ● Setting a simple wellbeing goal ● Working on a wellbeing project showcasing one aspect related to wellbeing in detail.
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