

**KOTHARI INTERNATIONAL SCHOOL, NOIDA**  
**CAMBRIDGE LOWER SECONDARY GRADE 6 (STAGE 7)**  
**ANNUAL PLANNER (2023-2024)**

<b>ENGLISH</b>		
<b>S.No.</b>	<b>Month</b>	<b>Topics</b>
1	April	<p style="text-align: center;"><b>UNIT 1: ADVENTURE</b></p> <p>Writing</p> <ul style="list-style-type: none"> <li>● Summarise genre features</li> <li>● Writing monologues</li> <li>● Analysing meanings of poems</li> <li>● Story writing</li> </ul> <p>Language</p> <ul style="list-style-type: none"> <li>● Sentence Types</li> <li>● Alliteration and Sibilance</li> <li>● Powerful Verbs</li> </ul>
2	May	<p style="text-align: center;"><b>UNIT2: SCIENCE FICTION</b></p> <p>Writing</p> <ul style="list-style-type: none"> <li>● Writing about themes</li> <li>● Descriptive writing</li> </ul> <p>Language</p> <ul style="list-style-type: none"> <li>● Sentence Openings</li> <li>● Compound and Complex sentences</li> <li>● Formal and Informal language</li> </ul>

3	July		<p style="text-align: center;">UNIT 3: Film and Fame</p> <p>Writing</p> <ul style="list-style-type: none"> <li>● Article writing</li> <li>● Film review</li> <li>● Speech writing</li> </ul> <p>Language</p> <ul style="list-style-type: none"> <li>● Direct speech</li> <li>● Noun-adjective combination</li> </ul>
4	August		<p style="text-align: center;">Unit 4: Small but perfect</p> <p>Writing</p> <ul style="list-style-type: none"> <li>● Flash Fiction</li> <li>● Writing poetry</li> <li>● Haiku and Imagist poetry</li> </ul> <p>Language</p> <ul style="list-style-type: none"> <li>● Time connectives</li> <li>● Prefixes</li> </ul>
5	September		<p>TERM 1 (PROGRESSION TEST)</p>
6	October		<p style="text-align: center;">Unit 5: Unusual Education</p> <p>Writing</p> <ul style="list-style-type: none"> <li>● Letter Writing</li> <li>● Script Writing</li> </ul> <p>Language</p> <ul style="list-style-type: none"> <li>● Colon</li> <li>● Connectives</li> </ul>

7	November		<p>Unit 6: Life Stories</p> <p>Writing</p> <ul style="list-style-type: none"> <li>● Language and Letter analysis</li> <li>● Persuasive writing</li> </ul> <p>Language</p> <ul style="list-style-type: none"> <li>● Rhyme and Rhythm</li> <li>● Voice</li> <li>● Embedded clause</li> </ul>
8	December		<p>Unit 7: The Travel Agency Unit 8: In the City</p> <p>Writing</p> <ul style="list-style-type: none"> <li>● Writing Narratives</li> <li>● Diary entry</li> <li>● Travel articles</li> <li>● Writing a brochure</li> </ul> <p>Language</p> <ul style="list-style-type: none"> <li>● Word order</li> <li>● Personification</li> <li>● Punctuation</li> </ul>
9	January		<p>Unit 9: Dangers of the Sea</p> <p>Writing</p> <ul style="list-style-type: none"> <li>● Poetry analysis</li> <li>● Story extension</li> </ul> <p>Language</p> <ul style="list-style-type: none"> <li>● Poetic Language</li> </ul>
10	February		REVISION FOR TERM END ASSESSMENT
11	March		TERM 2 (PROGRESSION TEST)

## SCIENCE

S.N o.	Month	Strand	Topics
1	April	BIOLOGY	<p>INTRODUCTION TO THE STRANDS OF SCIENCE - PHYSICS, CHEMISTRY, BIOLOGY, EARTH AND SPACE</p> <p>INTRODUCTION TO SCIENTIFIC ENQUIRY AND LAB APPARATUS</p> <p>UNIT- 1: CELLS</p> <p>1.1 Plant cells 1.2 Animal cells 1.3 Specialised cells 1.4 Cells, Tissues and organs</p>
2	April / May	CHEMISTRY & EARTH AND SPACE	<p>UNIT- 2: MATERIALS AND THEIR STRUCTURE</p> <p>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</p>
3	July	PHYSICS & EARTH AND SPACE  BIOLOGY	<p>UNIT – 3: FORCES AND ENERGY</p> <p>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?</p> <p>UNIT- 4: GROUPING AND IDENTIFYING ORGANISMS</p> <p>4.1 Characteristics of living organisms 4.2 Viruses</p>

			<p>4.3 What is a species?</p> <p>4.4 Using keys</p> <p>4.5 Constructing keys</p>
4	August	CHEMISTRY	<p>UNIT- 5: PROPERTIES OF MATERIALS</p> <p>5.1 Metals and non-metals</p> <p>5.2 Comparing metals and non-metals</p> <p>5.3 Metal mixtures</p> <p>5.4 Using the properties of materials to separate mixtures</p> <p>5.5 Acids and alkalis</p> <p>5.6 Indicators and the PH scale</p>
5	September		PROGRESSION TEST – 1
6	October	Physics & Earth and space	<p>UNIT - 6: EARTH PHYSICS</p> <p>6.1 Sound Waves</p> <p>6.2 Reflections of sound</p> <p>6.3 Structure of the Earth</p> <p>6.4 Changes in the Earth</p> <p>6.5 Solar and Lunar eclipses</p>
7	November	Biology	<p>UNIT- 7: MICROORGANISMS IN THE ENVIRONMENT</p> <p>7.1 Microorganisms</p> <p>7.2 Food chains and webs</p> <p>7.3 Microorganisms and decay</p> <p>7.4 Microorganisms in food webs</p>
8	December	Chemistry	<p>UNIT - 8: CHANGES TO MATERIALS</p> <p>8.1 Simple chemical reactions</p> <p>8.2 Neutralisation</p> <p>8.3 Investigating acids and alkalis</p> <p>8.4 Detecting chemical reactions</p>
9	January	Physics	<p>UNIT - 9: ELECTRICITY</p> <p>9.1 Flow of electricity</p> <p>9.2 Electrical circuits</p> <p>9.3 Measuring the flow of current</p> <p>9.4 Conductors and insulators</p> <p>9.5 Adding or removing components</p>





7	November	Geometry & Measure  Geometry & Measure	<p>UNIT 5: ANGLES</p> <p>5.1 A sum of <math>360^\circ</math></p> <p>5.2 Intersecting lines</p> <p>5.3 Drawing lines &amp; quadrilaterals</p> <p>PROJECT 2: CLOCK RECTANGLES</p> <p>UNIT 15: SHAPES. AREA &amp; VOLUME</p> <p>15.1 Converting between units for area</p> <p>15.2 Using hectares</p> <p>15.3 The area of a triangle</p> <p>15.4 Calculating the volume of cubes &amp; cuboids</p> <p>15.5 Calculating the surface area of cubes &amp; cuboids</p> <p>PROJECT 6: REMOVING CUBES</p>
8	December	Algebra  Algebra; Statistics & Probability  Statistics & Probability	<p>UNIT 9: SEQUENCES &amp; FUNCTIONS</p> <p>9.1 Generating sequences (1)</p> <p>9.2 Generating sequences (2)</p> <p>9.3 Using the nth term</p> <p>9.4 Representing simple functions</p> <p>PROJECT 4: MOLE &amp; GOOSE</p> <p>UNIT 11: GRAPHS</p> <p>11.1 Functions</p> <p>11.2 Graphs of functions</p> <p>11.3 Lines parallel to the axes</p> <p>11.4 Interpreting graphs</p> <p>PROJECT 5: FOUR STEPS</p> <p>UNIT 13: PROBABILITY</p> <p>13.1 The probability scale</p> <p>13.2 Mutually exclusive events</p> <p>13.3 Experimental probabilities</p>
9	January	Statistics & Probability	<p>UNIT 16: INTERPRETING RESULTS</p> <p>16.1 Two-way tables</p> <p>16.2 Dual &amp; compound bar charts</p> <p>16.3 Pie charts &amp; waffle diagrams</p> <p>16.4 Infographics</p> <p>16.5 Representing data</p> <p>16.6 Using statistics</p>
10	February		REVISION FOR PROGRESSION TEST

11	February & March		PROGRESSION TEST
<b>GLOBAL PERSPECTIVES</b>			
S.No.	Month		Topics
1	April		<p>INTRODUCTION TO THE STRANDS- HISTORY, CIVICS, GEOGRAPHY, ECONOMICS</p> <p>INTRODUCTION TO RESEARCH SKILLS</p> <p>UNIT- I Your Passport to the World</p> <p>What is Geography?</p> <p>What is the value and use of geography?</p> <p>Types of geography</p> <p>Themes of Geography</p> <p>How can we find out where places are?</p>
2	May/July		<p>UNIT-II Globes- Latitudes, Longitudes</p> <p>Equator-an important imaginary line</p> <p>Important parallels of Latitudes</p> <p>Heat zones of the Earth</p> <p>What are Longitudes</p> <p>Longitude and time</p> <p>Why do we have standard time?</p> <p>International Date line</p> <p>UNIT- III Planetary Motions</p> <p>Rotations of the Earth- 24hours</p> <p>Revolution of the Earth-a year</p> <p>Equinoxes, Summer solstice and Winter solstice</p>
3	July		<p>UNIT- IV Domains of the earth</p> <p>Lithosphere</p> <p>Atmosphere</p> <p>Hydrosphere</p> <p>Biosphere</p>

4	August		UNIT- V What is government Meaning Types of government key elements of a democracy Comparing two democracies (India and USA)
5	September		REVISION FOLLOWED BY PROGRESSION TEST-I
6	October		UNIT - VI Maps and their essential features <ol style="list-style-type: none"> <li>1. How can we use maps?</li> <li>2. How can we show direction?</li> <li>3. How can we measure distance?</li> <li>4. How do we use map symbols?</li> <li>5. What are grid references?</li> <li>6. How do we use grid references?</li> </ol> Comparative Study of the continents North America and South America Introduction, Location and extent, Political divisions, Major physical features, Climate, Flora & fauna, Mineral & power resources, Life of the people
7	November		UNIT- VII The river valley civilization: Emergence of the first cities <ol style="list-style-type: none"> <li>1. Indus valley Civilization</li> <li>2. Egyptian Civilization</li> <li>3. Mesopotamian Civilization</li> <li>4. Chinese civilization             <ul style="list-style-type: none"> <li>● Social life</li> <li>● Economic life</li> <li>● Religion</li> <li>● Art and Architecture</li> <li>● Administration</li> <li>● Decline</li> </ul> </li> </ol>

8	December		<p>UNIT- VIII Belief systems</p> <ol style="list-style-type: none"> <li>1. Social conditions for the rise of Buddhism and Jainism</li> <li>2. Vardhamana Mahavira / Gautama Buddha <ul style="list-style-type: none"> <li>● Early life</li> <li>● Teachings</li> <li>● Spread of the two religions</li> <li>● Decline</li> </ul> </li> <li>3. A comparative study between Buddhism and Jainism</li> </ol> <p>UNIT- IX An Emperor who gave up war</p> <ol style="list-style-type: none"> <li>1. What is an empire?</li> <li>2. The invasion of Alexander the great.</li> <li>3. Chandragupta Maurya</li> <li>4. Bindusara and Ashoka the great</li> <li>5. The Mauryan Administration</li> </ol>
9	January		<p>UNIT- X KNOWING OUR COUNTRY- INDIA</p> <ol style="list-style-type: none"> <li>1. India - Position and extent</li> <li>2. India - physiography</li> <li>3. India - Climate</li> </ol>
10	February		REVISION FOLLOWED BY PROGRESSION TEST-II
<b>ICT</b>			
<b>S.No.</b>	<b>Month</b>		<b>Topics</b>
1	April / May		<p><u>MS EXCEL</u></p> <p>Inroduction  Basics of Excel  Formulas: Sum, max, Min, Average  Soring  Filter  Data Analysis</p>
2	July		<p><u>TYPES AND COMPONENTS OF A COMPUTER SYSTEM</u></p> <p>Hardware and Software  Operating Systems  <u>MakeCode arcade</u>  Getting sarted with block coding  Variables  Operations on variables</p>

3	August		Control with conditions <u>Number System</u> Decimal Binary Octal Hexadecimal
4	September		TERM 1 (Progression Test)
5	October		<u>TURTLE GRAPHICS USING PYTHON</u> Turtle Commands Basic Turtle shapes
6	November		<u>For Loop</u> Drawing Shapes like Square, Star, Pentagon etc Spirals
7	December		Functions Goto command Other commands
8	January		<u>HTML</u> Basics of HTML List
9	February		Revision

## SPANISH

S.No.	Month	Topic	Lessons to be included in term 2
1	April	MI PRIMER CONTACTO CON EL ESPAÑOL <ol style="list-style-type: none"> <li>1. Spanish communities.</li> <li>2. Spanish speaking countries</li> <li>3. Pronunciation of alphabets</li> <li>4. Greeting &amp; see off in Spanish</li> <li>5. Small introduction in Spanish</li> <li>6. Nationalities</li> </ol>	Leccion 2: CUMPLEANOS <ol style="list-style-type: none"> <li>1. Numbers in Spanish (1-30)</li> <li>2. Months</li> <li>3. Days of the week</li> <li>4. Planets</li> <li>5. Seasons</li> </ol> Leccion 4: PLAN DE TRABAJO <ol style="list-style-type: none"> <li>1. verbs conjugations</li> <li>2. vocabulary</li> <li>3. sentence construction</li> </ol>

2	May	<p>TODO SOBRE MÍ</p> <ol style="list-style-type: none"> <li>1. Numbers in Spanish (1-30)</li> <li>2. Months</li> <li>3. Days of the week</li> <li>4. Planets</li> <li>5. Seasons</li> </ol>	
3	July	<p>LA CLASE DE ESPAÑOL</p> <ol style="list-style-type: none"> <li>1. class objects</li> <li>2. Articles</li> <li>3. Colors</li> <li>4. Daily use sentences in Spanish</li> </ol>	
4	August	<p>¡FELIZ CUMPLEAÑOS!</p> <ol style="list-style-type: none"> <li>1. verbs conjugations</li> <li>2. vocabulary</li> <li>3. sentence construction</li> </ol>	
5	September	<p>Revision for MID TERM Assessment</p>	<p>Revision for MID TERM Assessment</p>
6	October	<p>LOS FAMOSOS HISPANOS</p> <ol style="list-style-type: none"> <li>1. Time in Spanish</li> <li>2. Irregular verbs conjugations</li> <li>3. Daily routine</li> </ol>	

7	November	<p>NUUESTRA ESCUELA</p> <ol style="list-style-type: none"> <li>1. Uses of gustar</li> <li>2. Subjects related vocabulary</li> <li>3. Sentence construction on likes and dislikes</li> </ol>	
8	December	<p>MI CIUDAD ES TU CIUDAD</p> <ol style="list-style-type: none"> <li>1. Family relations</li> <li>2. Adjectives</li> <li>3. Numbers (31-100)</li> </ol>	
9	January	<p>MI MEJOR AMIGO</p> <ol style="list-style-type: none"> <li>1. Vocabulary</li> <li>2. Self description</li> <li>3. Family description</li> </ol>	
10	February		Revision for TERM END Assessment
11	March		TERM END ASSESSMENT
<b>GERMAN</b>			
<b>S.No.</b>	<b>Month</b>	<b>Topic</b>	<b>LESSON TO BE INCLUDED IN TERM 2</b>
1	April	<p>Hallo!</p> <ol style="list-style-type: none"> <li>1. Verb 'heißen' und 'sein'</li> <li>2. Fragewort: 'Wie?' and 'Wer?'</li> <li>3. Zahlen: 1-20</li> </ol>	
2	May	<p>Das ist meine Familie</p> <ol style="list-style-type: none"> <li>1. 3<sup>rd</sup> Person Singular(Pronomen)</li> </ol>	

		<ul style="list-style-type: none"> <li>2. Bestimmter Artikel</li> <li>3. Possessiv Pronomen</li> </ul>	
3	July	<p>Hast du Geschwister?</p> <ul style="list-style-type: none"> <li>1. Akkusativ Artikel</li> <li>2. Verb 'haben'</li> <li>3. Höflich Form 'Sie'</li> <li>4. W- Fragen und Ja/nein Fragen</li> <li>5. Zahlen (till 1000)</li> </ul>	
4	August	<p>Wo wohnt ihr?</p> <ul style="list-style-type: none"> <li>1. Personal Pronomen-Plural</li> <li>2. Verb 'wohnen'</li> <li>3. Wortschatz</li> <li>4. Bestimmter /unbestimmter Artikel</li> </ul>	
5	September	Mid-Term Examination	Revision for MID TERM Assessment
6	October	<p>Das Haus von Familie Weigel</p> <ul style="list-style-type: none"> <li>1. Wortschatz</li> <li>2. Bestimmte und unbestimmte Artikels (der/die/das) (ein/eine/ ein)</li> <li>3. Negation (nicht/kein/keine)</li> <li>4. Fragewort: Was (ist).. ?</li> <li>5. Demonstrativ Pronomen: Das (ist)</li> </ul>	
7	November	<p>Ein Besuch</p> <ul style="list-style-type: none"> <li>1. Begrüßung</li> <li>2. Formen von 'möchten'</li> <li>3. Personal Pronomen (mir/dir/Ihnen)</li> </ul>	

8	December	Mautzi unsere Katze 1. Haustiere 2. Formen von 'mögen' und 'haben' 3. Akkusativ: unbestimmter Artikel, unbestimmter Artikel, negation	
9	January	Die Nachbarn von Familie Weigel 1. Präsens von Verb 'sprechen', 'arbeiten', 'verkaufen', 'machen', 'kommen' 2. Ländernamen 3. Fragewort: Woher? 4. Preposition: 'aus/in'	
10	February	Revision for TERM END Assessment/ TERM END ASSESSMENT	Revision for TERM END Assessment
11	March		TERM END ASSESSMENT
<b>FRENCH</b>			
S.No.	Month	TOPICS	Lesson to be included in term 2
1	April	<b>Lesson 1: La France Lesson 2: Bonjour</b> 1. Introduction 2. Les Salutations	<b>Lesson 1,4 &amp; 5.</b> 1. Indefinis articles 2. Verbs <<er>> 3. Qui est ce /Qu'est ce que c'est ?
2	May	<b>Lesson 3: Pour Compter</b> 1. Les nombres 2. Les alphabets 3. Les Fruits et Les légumes	

3	July	<b>Lesson 4: On pose des questions</b> <ol style="list-style-type: none"> <li>1. Qu'est ce que c'est ?</li> <li>2. Qui est -ce ?</li> <li>3. Les articles indefinis</li> <li>4. Pluriel de noms</li> </ol>	
4	August	<b>Lesson 5 : Mon Meilleur ami</b> <ol style="list-style-type: none"> <li>1. Le verbe&lt;&lt;être&gt;&gt;</li> <li>2. Les adjectifs</li> <li>3. Se presenter</li> </ol>	
5	September	Mid-Term Examination	
6	October	<b>Lesson 6: Tu es de quel pays ?</b> <ol style="list-style-type: none"> <li>1. Le verbe &lt;&lt;avoir&gt;&gt;</li> <li>2. Les pays et nationalité</li> </ol>	
7	November	<b>Lesson 7: Le week-end</b> <ol style="list-style-type: none"> <li>1. Les jours de la semaine</li> <li>2. Le verbe&lt;&lt;aller&gt;&gt;</li> <li>3. Les nombres ordinaux</li> </ol>	
8	December	<b>Lesson 8 : Ma famille</b> <ol style="list-style-type: none"> <li>1. Les verbes &lt;&lt;er&gt;&gt;</li> <li>2. Les adjectifs possessives</li> <li>3. Decrivez votre famille.</li> </ol>	
9	January	<b>Lesson 9 : Bon anniversaire</b> <b>Lesson 10 : Ma saison préférée</b> <ol style="list-style-type: none"> <li>1. Les mois de l'année</li> <li>2. Les saisons</li> </ol>	

		3. Les couleurs	
10	February	Revision for TERM END Assessment	
11	March	TERM END ASSESSMENT	

## हिंदी

S.N o.	Month		
1	अप्रैल- मई	1. अक्षरों का महत्व (निबंध) पठन हेतु 2. वह चिड़िया जो (कविता) 3. नादान दोस्त (कहानी) 4. बचपन (संस्मरण) रचनात्मक लेखन – ● अनुच्छेद लेखन ● चित्र वर्णन	1. वह चिड़िया जो (कविता)
2	जुलाई	5. चाँद से थोड़ी सी गप्पें (कविता) 6. पार नज़र के (कहानी) रचनात्मक लेखन – ● कहानी लेखन ● डायरी लेखन	
3	अगस्त	7. टिकट अलबम (कहानी) 8. लोकगीत ( परिचर्चा ) रचनात्मक लेखन – ● विज्ञापन लेखन ● संदेश लेखन ● प्नरावृत्ति	
4	सितंबर	अर्द्ध वार्षिक परीक्षा	
5	अक्तूबर	9. ऐसे-ऐसे (एकांकी) 10. मैं सबसे छोटी होऊँ (कविता) रचनात्मक लेखन – ● संवाद लेखन ● अनुच्छेद लेखन	
6	नवंबर	11. जो देखकर भी नहीं देखते (निबंध) 12. झांसी की रानी ( कविता) रचनात्मक लेखन – ● आत्मकथा लेखन	

7	दिसंबर	13. संसार पुस्तक है (पत्र) 14. साँस-साँस में बाँस (पठन हेतु) रचनात्मक लेखन – <ul style="list-style-type: none"><li>● पत्र लेखन</li><li>● ई मेल लेखन</li></ul>	
8	जनवरी	15. नौकर (निबंध) 16. गीत-साथी हाथ बढ़ाना (सस्वर गायन) रचनात्मक लेखन – नारा लेखन	
9	फरवरी	पुनरावृत्ति	