

Curriculum Overview:

School name	Kothari International School Noida	School code	
Grade	CAM 4		
Level <i>(indicate with X)</i>	Higher <input type="checkbox"/>	Standard, completed in two years <input type="checkbox"/>	Standard, completed in one year* <input type="checkbox"/>

S.No	Subject and Teacher	Topics	Allocated Time
1.	English <i>Ms. Tanvi</i>	<p><u>Unit 1</u> Fiction Speaking, listening and Vocabulary Unfamiliar words and Definitions. Similes and Metaphors Spelling Rules</p> <ul style="list-style-type: none"> ● Words Ending -ing ● Words Ending- er,-or , -ar <p>Conjunctions</p> <p>Fiction Reading and Comprehension</p> <ul style="list-style-type: none"> ● Storm at Sea <p><u>Unit 2</u> Direct Speech Adverbs Reading Comprehension</p> <ul style="list-style-type: none"> ● The Miracle <p>Recap</p> <p><u>Unit 3</u> Subordinating Conjunctions Modal Verbs Abstract Nouns Non Fiction Vocabulary Synonyms Suffixes:-ful and-al Report Writing Playscript dialogue Rhymes Reading & Comprehension It's all hot air The Origins of Chocolate Golden Ticket to Outer Space All in a Day Life in the Sea London Peter the Robot Finding a friend Words are Ours.</p> <p><u>Unit 4</u> Pronouns Commas Possessive Apostrophes Contraction Apostrophes Prepositions Adverbials</p>	<p style="text-align: center;">April 6 classes/ week</p> <p style="text-align: center;">May 6 classes/week</p> <p style="text-align: center;">July-Aug 6 classes/week</p> <p style="text-align: center;">Aug- Sep 6 classes/week</p>

Reading Comprehensions
Home Country, what's that?
Mary Sea cole
Sailing Solo
Keeping a diary
● Recap for Mid- Term

Unit 5

Pronouns
Plurals
Features of biographies
Dire Speech
Reported Speech
Single & Multi Clause Sentences
Features of Diary Writing
Writing an Autobiography
Reading & Comprehension
Correction

Unit 6

Narrative Poems
Personification
Similes & Metaphors
Alliteration & Onomatopoeia
Subordinate Clauses and Conjunctions
Writing a Playscript
Reading Comprehension
Soft Landing
The tale of Custard the Dragon
The Old Man

Unit 7

Prepositions & Preposition Phrases
Subordinate Clauses
Agreement of Verbs
Synonyms
Homophones
Spelling Strategies
Reading Comprehension
In the Marketplace
My Rows & Piles of Coins
Wonbat Goes Walkabout

Unit 8

Persuasive Language
Opposites & Prefixes
Shades of Meaning and Comparisons
Idioms
Compound Words & Spelling Strategies
Personal Pronouns
Possessive Pronouns
Reading Comprehension
First News

Oct

6 classes/week

Nov

6 classes/week

Dec

6 classes/week

Dec- Jan

6 classes/week

		<p>Want to Save a Life? Newspaper Article-Persuasive Persuasive Letter Unit 9 Silent Letters Countable & Uncountable nouns. Write & Perform Your Own Rap Reading Comprehension Alligator Problem. From a Railway Carriage Kensington Market Blue Planet's Blue I Wanna Be A Liar Recap</p>	<p>Jan- Feb 6 classes/ week</p>
2.	<p>Mathematics <i>Ms. Vatsal Singh</i></p>	<p><u>Unit 1 Number and Place value</u> Place Value Rounding Off Ordering and Comparing Number Sequencing Odd and Even Numbers Roman Numerals</p>	<p>April 6 classes/ week</p>
		<p>Number Problems <u>Unit 2 Addition and Subtraction</u> Partitioning to Add or Subtract</p>	<p>May 6 classes/ week (till summer break)</p>
		<p><u>Unit 2 Addition and Subtraction Partitioning to Add or Subtract</u> Adding and Subtracting Near Multiples Which Strategy? Written Methods of Adding and Subtracting Adding and Subtracting to Solve Problems</p>	<p>July 6 classes/ week</p>
		<p><u>Unit 5 Length, Mass, Capacity and Volume</u> Units of Measure Measuring Length Centimetres and Millimetres</p>	
		<p><u>Unit 5 Length, Mass, Capacity and Volume</u> Measuring Mass Measuring Capacity Imperial Units Volume Problem Solving with Measures</p>	<p>Aug 6 classes/week</p>
		<p><u>Unit 6 Area and Perimeter</u> Understanding Perimeter</p>	

		Understanding Area Calculating Area and Perimeter	
		Unit 7 Time Converting Between Units of Time Calculating Time Intervals Using Calendars <ul style="list-style-type: none"> Recap for Mid- Term 	Sep 6 classes/week
		Unit 3 Multiplication and Division Multiplication and Division Facts Factors and Multiples Using Known Facts to Multiply Doubling and Halving Written Methods for Multiplying Multiplying and Dividing by 10, 100 and 1000 Written Methods for Dividing Prime Numbers Square and Cube Numbers Multiplying and Dividing to Solve Problems	Oct 6 classes/week
		Unit 4 Fractions, Decimals and Percentages Equivalent Fractions Fraction and Decimal Equivalents Improper Fractions and Mixed Numbers Adding and Subtracting Fractions Multiplying Fractions Ordering Fractions Thousandths Rounding Decimals Percentages Proportion Ratio	Nov 6 classes/week
		Unit 8 Geometry – Properties of Shapes Regular and Irregular Polygons Symmetry in Polygons Identifying 3D shapes Angles Angle sums Unit 9 Geometry – Position and Direction Coordinates Reflection Translations	Dec 6 classes/week
		Unit 10 Statistics Frequency Tables and Bar charts Line graphs Timetables Probability	Jan
		Recap	Feb 6 classes/week
3	Science <i>Ms. Tanvi</i>	Unit 1: Life Cycle and Growth of Flowering Plants <ul style="list-style-type: none"> Types of Plants 	April – Summer break 6 classes/ week

		<ul style="list-style-type: none"> ● Parts of Flowering Plants ● Life Cycle of Flowering Plants ● Seeds ● Spreading Seeds By Wind and Water ● Spreading Seeds By Animals and Explosion <p>Pollinating Flowers Pollination Flowers Fertilisation in Flowering Plants Life Cycle of Flowering Plants Germination Plants and Water Plants and Light Plants and Warmth</p>	
		<p><u>Unit 2: Life Cycles and Growth of Animals and Humans</u></p> <p>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</p>	<p style="text-align: center;">July 6 classes/week</p>
		<p><u>Unit 3 : Properties and Changes of Materials</u></p> <p>Classifying Material Reversible and Irreversible Change Are these Changes Reversible or Irreversible? Burring Putting Out Fire</p> <ul style="list-style-type: none"> ● Recap 	<p style="text-align: center;">Aug-Sep 6 classes/week</p>
		<p><u>Unit 3 : Properties and Changes of Materials</u></p> <p>Separation Mixtures of Solids Adding Solids to Water Separating Insoluble Solids Separation Techniques Energy Changes and Reaction</p>	<p style="text-align: center;">Oct 6 Classes/week</p>
		<p><u>Unit 4 Earth and Space</u></p> <p>Solar System The Sun Day and Night</p>	<p style="text-align: center;">Nov-Dec 6 classes/week</p>

		Earth and Axis Shadows Seasons Earth, Sun, Moon	
		Unit 5 Force in Action Things that go up always come down Mass and Weight Gravity, Mass and Weight Measuring Mass and Weight Forces Magnetism and Floating Balanced and Unbalanced forces Energy Transfers Friction, Air Resistance Simple Machines Levers as Force Multiplier	Jan 6 classes/week
		Recap	Feb 6 classes/ week
4.	Astronomy <i>Ms. Tanvi & Ms. Prerna Chauhan</i>	<u>Unit 1: Introduction to Astronomy Lab</u> VR box Biopic Posters Fun facts <u>Unit 2: Motion</u> Solar System(motion of Planets Around Sun)	April – Summer Break 1 classes/ week
		<u>Unit2: Motion</u> Table top Experiments. Maxwell’s Wheel	July 1 class/week
		<u>Unit 3: Light</u> Ray Optic Kit Activities	Aug 1 class/ week
		<u>Unit 4: Human Digestive System</u> Digestive System Model Activity to Demonstrate Friction	
		<u>Unit 5: Pressure</u> Vacuum Chamber (Suction cup) Activities Demonstrating Pressure of Gas.	Sep-Oct 1 class/ week
		<u>Unit 6: Force</u> Activities Using magnets and Electrostatic Force Newton’s Cradle	
		<u>Unit 7: Levers</u> Levers Types of Levers Parts of a lever Pulley and it’s types Difference between Pulley Simple Machine	Nov 1 class/week

		and Lever Simple Machine	
		Unit 8: Air and Atmosphere Vacuum Chamber Activities	Dec 1 class/week
		Unit 9: Solution and Separation Methods Filtration Activities Demonstrating Solution type	Jan -Feb 1 class/ week
5.	German <i>Ms. Kirtika</i>	Alphabets Greetings Basic conversation Numbers 1 to 20	April – Summer Break 3 classes/ week
		Time Body Parts 10 Colours	May 3 classes/week
		Fruits -10 I Eat ... Veggies Animals	July 3 classes/week
		Revised mid term My Classroom 10-15 Objects Das ist	Aug- Sep 3 classes/week
		My Favourite Items (food/ game/ etc) 10-12 objects Verb - Lieben	Oct 3 classes/week
		Places Around Me (hospital/school...) 10 Places Verb - Gehen	Nov 3 classes/week
		Revision of the Above Topics Pronouns - he / she/ it 5-7 Adjectives	Dec 3 classes/week
		Things You Wear (Jacket/Gloves/ Shirt/ Jeans .. etc)	Jan 3 classes/ week

		10-12 Things Verb Haben	
		Exam Preparation	Feb 3 classes/ week
6.	French <i>Ms. Khushboo</i>	Greetings (Basic Conversation) Alphabets Numbers 1-20	April 3 classes/ week
		Time Body Parts 10 Colours	May 3 classes/week
		Fruits -10 I Eat ... Veggies Animals	July 3 classes/ week
		Revised mid term My Classroom 10-15 Objects C'est, un, une, des	Aug -Sep 3 classes/ week
		Classroom Objects (10)	Oct 3 classes/week
		E'tre verb (to be)	Nov 3 classes/week
		Season	Dec 3 classes/week
		Revision	Jan- Feb 3 classes/week
7.	Spanish <i>Ms. Kashish</i>	Abecedario	April 3 classes/week
		Virtual tour	May 3 classes/week
		Los saludos y Las despedidas (Salutations and Goodbyes) Basic Conversation	July 3 classes/week
		Los números del 0-30 (Numbers 0-30) los lugares (places)	Aug 3 classes/week
		Las letras y sonidos (letters and sounds)	Sep

		El Género (gender)	3 classes/week
		Las nacionalidades (Nationalities) Las frutas (fruit names)	Oct 3 classes/ week
		Las profesiones (Professions) Mi presentación (Introduction)	Nov 3 classes/week
		Los pronombres personales (Subject pronouns)	Dec 3 classes/week
		verbo ser , tener (to be , to have)	Jan 3 classes/week
		Exam preparation	Feb 3 classes/ week
8.	Hindi Ms. Rashmi	भाषा, वर्ण विचार, संज्ञा, सर्वनाम, विशेषण, पर्यायवाची, लिंग बदलो, वचन, क्रिया, अनुस्वार, अनुनासिक अनुच्छेद लेखन अपठित गद्यांश पत्र लेखन (अनौपचारिक)	April -Summer Break 3 classes/week
		कहानी पठन, कहानी सुनना, रिश्तों के नाम, कि की में अंतर, अपठित गद्यांश, लघु कथा लेखन, सर्वनाम, श्रुतलेख, सुलेख	July 3 classes/ week
		कविता पठन व व्याख्या, कविता वाचन, त्योहारों के नाम, त्योहार संबंधी अनुच्छेद, विशेषण, श्रुतलेख, सुलेख, भारतीय राज्यों व केंद्र शासित प्रदेशों के नाम	Aug 3 classes/week
		अपठित गद्यांश, शिक्षक दिवस लेख, हिंदी दिवस (लेख), हिंदी दिवस पर वक्तव्य, हिंदी दिवस संबंधी कविता, विश्व की विभिन्न भाषाओं के नाम	Sep 3 classes/week
		विभिन्न भारतीय दिवसों के नाम, दिवाली त्योहार संबंधी कहानी व कविता पठन, पर्यायवाची शब्द अपठित गद्यांश	Oct 3 classes/week
		शरीर के अंगों के नाम, भारत के प्रधानमंत्रियों के नाम, त्योहार संबंधी अनुच्छेद, पत्र का पठन तथा संबंधित प्रश्नोत्तर, लिंग	Nov 3 classes/week
		विभिन्न खेलों के नाम, खेल संबंधी लेख - पठन, अपठित गद्यांश, खेल संबंधी संवाद, क्रिया, वचन, संवाद लेखन	Dec 3 classes/week

		एकांकी का अर्थ, अंधेर नगरी चौपट राजा पठन, अनुस्वार, अनुनासिक, कारक, चित्र वर्णन	Jan 3 classes/week
		वैज्ञानिकों के नाम, जीवनी पठन, वैज्ञानिक दिवस पर अनच्छेद, किसी एक वैज्ञानिक के विषय में बताते हुए मित्र को पत्र	Feb 3 classes/week
9.	Creative Writing Ms. Perna Chauhan	Basic strokes for: Smaller Case Cursive Writing Upper Case Cursive Writing Framing Words Using Cursive Writing (connecting letters) Diary Writing	April – July 1 classes/ week
		<ul style="list-style-type: none"> ● Practice of Cursive Writing ● Essay Writing ● Review Writing 	July 1 class/week
		<ul style="list-style-type: none"> ● Fiction Story Writing & Practising Cursive Writing ● Basic Elements of Fiction & Story Writing ● Character Development 	Aug- Sep 1 class/ week
		<ul style="list-style-type: none"> ● Dialogue Writing ● Practising Cursive Writing 	Oct 1 class/week
		<ul style="list-style-type: none"> ● Picture Composition ● Report Writing 	Nov 1 class/week
		<ul style="list-style-type: none"> ● Travel Writing ● Nature Writing 	Dec 1 class/week
		<ul style="list-style-type: none"> ● Poetry Writing (3-4 lines) ● Speech Writing ● Play Writing ● Cursive Writing Integration in Creative Writing 	Jan- Feb 1 class/week
10.	Global Perspectives Ms. Tanvi Singh	Unit 1: Littering – A Rising Concern	April – July 3 classes/ week

		<p>Litter</p> <p>Types of Litter</p> <p>Causes</p> <p>Impact on the Environment</p> <p>Preventions</p> <p>Social Responsibility</p>	
		<p>Unit 2: Cultural Perspectives</p> <p>Introduction to Culture</p> <p>Culture at Local Level</p> <p>Culture at National Level</p> <p>Culture at Global Level</p> <p>Cultural Differences at Various Levels</p>	
		<p>Unit 3: Family, Friends, and Community:</p> <ul style="list-style-type: none"> • Family Dynamics: <p>Understanding Different Family Structures and Roles.</p> <p>Exploring Concepts of Love, Support, and Communication Within Families.</p> <p>Learning About the Importance of Family Traditions and Rituals.</p> <ul style="list-style-type: none"> • Recap for Mid- Term 	<p>July - Sep</p> <p>3 classes/ week</p>
		<p>Unit 3 Family, Friends, and Community:</p> <p>Family Dynamics:</p> <p>Friendship and Relationships:</p> <p>Exploring the Qualities of Healthy Friendships and Relationships.</p> <p>Understanding How to Resolve Conflicts and Communicate Effectively with Friends.</p> <p>Learning About Peer Pressure and How To Make Positive Social Choices.</p> <ul style="list-style-type: none"> • Community Engagement: <p>Participating in Community Service Projects and Volunteer Opportunities.</p> <p>Learning About the Importance of Contributing To and Supporting one's Community.</p> <p>Exploring Ways to Address Community</p>	<p>Sep- Nov</p> <p>3 classes/week</p>

		<p>Issues and Create Positive Change</p> <p>Unit 4: Sport and Recreation:</p> <ul style="list-style-type: none"> Types of Sports: Introducing Different Types of Sports Such As Team Sports (Soccer, Basketball), Individual Sports (Swimming, Running), and Recreational Activities (Cycling, Hiking). Exploring the Rules, Equipment, and Basic Skills Required for Each Sport. Benefits of Physical Activity: Discussing the Importance of Regular Physical Activity for Overall Health and Wellbeing. Exploring the Physical, Mental, and Social Benefits of Participating in Sports and Recreational Activities. Sportsmanship and Fair Play: Teaching the Principles of Sportsmanship, Including Respect, Teamwork, and Good Sportsmanship. Discussing the Importance of Fair Play, Honesty, and Integrity in Sports and Recreational Games. 	
		<p>Unit 5: Education for All:</p> <ul style="list-style-type: none"> Access to Education: Understanding the Importance of Equal Access to Education for all Individuals. Exploring Barriers to Education, Such As Poverty, Discrimination, and Disability. Learning about Initiatives and Organisations Working to Promote Education Equity. Quality Education: Exploring the Components of Quality Education, Such As Qualified Teachers, Adequate Resources, and Inclusive Classrooms. Understanding the Importance of a Well-Rounded Education that Fosters Critical Thinking, Creativity, and Problem-Solving Skills. 	<p>Nov- Feb 3 classes/week</p>

		<p>Learning About Innovative Teaching Methods and Educational Technologies.</p> <ul style="list-style-type: none"> • Lifelong Learning: Promoting a Lifelong Love of Learning and Curiosity. <p>Understanding the Importance of Continuing Education and Skill Development.</p> <p>Exploring Different Learning Opportunities Outside of Traditional Classroom Settings, Such as Online Courses, Workshops, and Apprenticeships</p> <ul style="list-style-type: none"> • Recap 	
11.	<p>ICT <i>Ms. Tanvi</i> <i>Ms. Prerna Chauhan</i></p>	<p><u>Unit 1: The Nature Of Technology</u></p> <p>Computer Networks</p> <p>What is Network</p> <p>Network Connections</p> <p>Network Devices</p> <p>The Internet</p> <p>The Changing World of Work</p> <p>Living with the Internet.</p>	<p>April – Summer Break 3 classes/ week</p>
		<p><u>Unit 2: Digital Literacy: Searching the World Wide Web</u></p> <p>Searching the Web</p> <p>How Search engines Work</p> <p>Search Results</p> <p>Choosing Web Content</p> <p>Giving Credit</p> <p>Web Challenge</p>	<p>July 3 classes/week</p>
		<p><u>Unit 3:Computational Thinking: A Test with Many Questions</u></p> <p>Use variables</p> <p>Ask a Random Question</p> <p>Check the Answer</p> <p>Ask 10 Questions</p> <p>Do You Want to Stop?</p> <p>Keep Trying</p>	<p>Aug 3 classes/week</p>

		<u>Recap for Unit 1,2 &3</u>	Sep
		<u>Unit 4: Programming: The Hungry Parrot</u> Set the Stage Control the Sprite Add a Second Sprite How Do You Win the Game? How many Flaps? Chase Your Dinner!	Sep-Oct 3 classes/ week
		<u>Unit 5: Multimedia: Illustrating a Recipe Card</u> Plan a Photo Shoot Take Digital Photos Share Your Photos Improve Your Photos Retouch Photos Add Photos to a Document	Nov-Dec 3 classes/week
		<u>Unit 6: Numbers and Data: My Pizza Snack Bar</u> Record Your Costs Calculate Your Costs Calculate Your Profit Create a Summary Worksheet Work Independently Use Your Spreadsheet Model <ul style="list-style-type: none"> ● Recap 	Dec-Jan 3 classes/week
12.	Visual Arts Ms. Alpee Kaumar	<ul style="list-style-type: none"> ● Elements of Art- Colour Theory : Primary colour wheel Secondary colour wheel Tertiary colour wheel Line Art (Using Different types of lines) <ul style="list-style-type: none"> ● Different Creative Clay Sculpture 	April -May 3 classes/week
		<ul style="list-style-type: none"> ● Shapes and form 	May- July 3 classes/week

		<p>2-D and 3-D shapes</p> <p>Creative Doll Making</p> <ul style="list-style-type: none"> ● Illusion Art ● Perspective Drawing- (pencil shading) <p>1 point Perspective</p> <p>2 point Perspective</p> <p>3 point Perspective</p> <ul style="list-style-type: none"> ● Different Creative Clay Sculpture 	
		<ul style="list-style-type: none"> ● Coffee Art creating different shades ● Simple Human Face Study (Male & Female) ● Different Clay Sculpture 	<p>July 3 classes/week</p>
		<ul style="list-style-type: none"> ● Monochrome paintings ● tints and tones shade study ● Independence Day Craft Activity ● Different Clay Sculpture 	<p>Aug 3 classes/week</p>
		<ul style="list-style-type: none"> ● Market Scene ● Nature Landscapes ● Animal /zoo Compositions ● Still Life Compositions 	<p>Sep 3 classes/week</p>
		<ul style="list-style-type: none"> ● Learning different textures ● Diwali Craft Activity 	<p>Oct 3 classes/week</p>
		<ul style="list-style-type: none"> ● Best out of waste (3-D installation) ● Christmas Day Craft Activities 	<p>Nov -Dec 3 classes/ week</p>
		<ul style="list-style-type: none"> ● Recap and Human Face Study (In Different Proportion) ● Free hand drawing (Rapid Sketches) ● Republic Day Craft Activities 	<p>Jan-Feb 3 classes/week</p>