

KOTHARI INTERNATIONAL SCHOOL, NOIDA
ANNUAL SYLLABUS
SESSION 2020-21
GRADE 4
ENGLISH

<u>MONTH</u>	<u>TOPIC AND SUB-TOPIC</u>	<u>SUB-TOPIC (GRAMMAR)</u>
JUNE	<ul style="list-style-type: none"> • MOWGLI GROWS UP • PARAGRAPH WRITING • NOUNS AND ITS KINDS 	<ul style="list-style-type: none"> • COLLECTIVE
JULY	<ul style="list-style-type: none"> • TYPES OF SENTENCES • DIALOGUE WRITING 	<ul style="list-style-type: none"> a. DECLARATIVE b. IMPERATIVE c. INTERROGATIVE d. EXCLAMATORY
AUGUST	<ul style="list-style-type: none"> • THE LITTLE MUSICIAN • E- MAIL WRITING 	
SEPTEMBER	<ul style="list-style-type: none"> • PRONOUNS AND ITS TYPES • WHO LIKES THE RAIN 	<ul style="list-style-type: none"> a. PERSONAL b. OBJECT c. SUBJECT
OCTOBER	<ul style="list-style-type: none"> • ADJECTIVES AND ITS KINDS • POEM WRITING 	<ul style="list-style-type: none"> a. QUALITY b. QUANTITY c. NUMBER d. DEMONSTRATIVE
NOVEMBER	<ul style="list-style-type: none"> • HOW BAYA BUILT A NEST • TENSES (SIMPLE) 	<ul style="list-style-type: none"> a. SIMPLE PRESENT b. SIMPLE PAST c. SIMPLE FUTURE
DECEMBER	<ul style="list-style-type: none"> • PLASTIC PLANTS • CONTINUOUS TENSES 	<ul style="list-style-type: none"> a. SIMPLE PRESENT b. SIMPLE PAST c. SIMPLE FUTURE
JANUARY	<ul style="list-style-type: none"> • DIARY ENTRY • CONJUNCTIONS 	<ul style="list-style-type: none"> a. TIME b. DIRECTION c. PLACE
FEBRUARY	<ul style="list-style-type: none"> • DADDY FELL INTO THE POND • DESCRIPTIVE WRITING 	
MARCH	<ul style="list-style-type: none"> • THE BFG • REVISION • GRAMMAR PREPARATION FOR GRADE 5 	

***VOCABULARY/SKILL BUILDER SHEETS WILL BE PROVIDED PERIODICALLY.**

विषय हिन्दी, कक्षा - 4

क्रम सं	माह	विषय
1.	अप्रैल	<ul style="list-style-type: none"> • स्वर ,व्यंजन की पहचान {पुनरावृत्ति } • मात्राएँ • बारह खडी <u>व्याकरण</u> • अनुस्वार व अनुनासिक शब्द
2.	जून	<ul style="list-style-type: none"> • कविता - हम सब सुमन एक उपवन के <u>व्याकरण-</u> • संज्ञा • विलोम शब्द • अपठित गद्यांश
3.	जुलाई	<ul style="list-style-type: none"> • हमारा पर्यावरण • विराम चिह्न • वचन • सर्वनाम
4.	अगस्त	<ul style="list-style-type: none"> • पाठ -बबलू की आइसक्रीम • मात्राओं का अभ्यास <u>व्याकरण-</u> • विशेषण • रचनात्मक लेखन -15 अगस्त
5.	सितम्बर	<ul style="list-style-type: none"> • कविता-हमारी भी सुनो • मात्राओं का अभ्यास <u>व्याकरण</u> • पर्यायवाची शब्द • लिंग • अपठित पद्यांश

6.	अक्तूबर	<ul style="list-style-type: none"> पाठ -एक मौसम और दो त्योहार मात्राओं का अभ्यास <p><u>व्याकरण</u></p> <ul style="list-style-type: none"> चित्र वर्णन
7.	नवम्बर	<p>पाठ -सही जगह पर</p> <ul style="list-style-type: none"> मात्राओं का अभ्यास <p>संवाद लेखन</p> <ul style="list-style-type: none"> व्याकरण क्रिया काल
8.	दिसम्बर	<ul style="list-style-type: none"> पाठ -अनोखा उपाय मात्राओं का अभ्यास व्याकरण पत्र लेखन
9.	जनवरी	<ul style="list-style-type: none"> कविता-हिमालय मात्राओं का अभ्यास कहानी लेखन अनेकार्थक शब्द अपठित गद्यांश
10.	फ़रवरी	<ul style="list-style-type: none"> पाठ -ईद अपठित पद्यांश संवाद लेखन (पुनरावृत्ति) गिनती (1 स 3 50)
11.	मार्च	<ul style="list-style-type: none"> पुनरावृत्ति

MATHEMATICS

Month	Topic	Subtopics
April	Revision of previous grade topics LAYER 2: Large Numbers	<ul style="list-style-type: none"> • Quick recap worksheets • Indian place value system • Face and place value system • Expanded form
June	Layer 2: Large Numbers Layer 3: Addition and Subtraction	<p><u>Layer 2</u></p> <ul style="list-style-type: none"> • Recap of Indian System of Numeration • Comparison of numbers • International place value system • Rounding off <p><u>Layer 3</u></p> <ul style="list-style-type: none"> • Addition- Terms and Properties of addition • Addition of large numbers • Real life application • Addition by estimation • Subtraction- Terms and Properties of subtraction • Subtraction of Large numbers • Real life application • Checking of subtraction • Subtraction by estimation
July	Layer 4: Multiplication Layer 5: Division	<p><u>Layer 4</u></p> <ul style="list-style-type: none"> • Multiplication- Terms • Multiplication with 1-Digit multiplier and Real life applications • 2-Digit multiplier • 3-Digit multiplier • Real life applications • Properties of Multiplication • Multiplication by 10, 100 & 1000 • Mental Math • Multiplication by Estimation <p><u>Layer 5</u></p> <ul style="list-style-type: none"> • Division- Recapitulate the concept of Division • Division by 1-Digit Divisor • Properties of Division • Finding the Dividend

		<ul style="list-style-type: none"> • Division of 3-Digit by a 2-Digit Divisor
August	<p>Layer 5: Division</p> <p>Layer 6: Multiples and factors</p>	<p><u>Layer 5</u></p> <ul style="list-style-type: none"> • Division of 4-digit and 5- digit by 3-digit Divisors • Real Life applications • Division by 10, 100 & 1000 • Division by Estimation • Mental Math <p><u>Layer 6</u></p> <ul style="list-style-type: none"> • Multiples • Properties of Multiples • Listing of multiples • Finding Common Multiples • Factors • Finding the factors • Properties of Factors • Finding common factors • Divisibility Rules • Types of numbers • Sieve of Eratosthenes • Listing of factors
September	<p>Layer 7: HCF and LCM</p> <p>Layer 8: Fractions</p>	<p><u>Layer 7</u></p> <ul style="list-style-type: none"> • Prime factorization by Factor Tree Method • Prime factorization by Division Method • Common factor method and HCF • HCF – by prime factorization method • HCF – word problems • HCF- Mental Math • Common multiples and LCM • LCM by Repeated division method • Real life application • Relationship between HCF and LCM <p><u>Layer 8</u></p> <ul style="list-style-type: none"> • Basic facts about fractions • Types of fractions • Conversion of Mixed Fraction to Improper Fractions • Conversion of Improper fractions to Mixed Fractions • Equivalent Fractions • Checking of equivalent Fractions
October	<p>Layer 8: Fractions</p>	<p><u>Layer 8</u></p> <ul style="list-style-type: none"> • Reducing fractions to its lowest terms

	Layer 9: Decimals	<ul style="list-style-type: none"> • Comparison of like fractions • Conversation of unlike to like fractions • Ordering of fractions • Addition of like fractions • Subtraction of like fractions • Real life application • Mental Math <p><u>Layer 9</u></p> <ul style="list-style-type: none"> • Facts about decimals • Decimal place value system • Reading and Writing Decimals • Expanded form of decimals • Converting decimal to fractions • Converting fractions to decimals
November	Layer 9: Decimals Layer 10: Measurements	<p><u>Layer 9</u></p> <ul style="list-style-type: none"> • Equivalent Decimals • Like and unlike decimals • Comparison and ordering of decimals • Addition of decimals • Subtraction of Decimals • Real life Applications • Mental Math <p><u>Layer 10</u></p> <ul style="list-style-type: none"> • Metric Units • Units of Length, Mass and Capacity • Conversion of greater units into smaller units • Conversion of smaller units into greater units
December	LAYER 10: Measurement	<p><u>Layer 10</u></p> <ul style="list-style-type: none"> • Mixed conversion of Units • Real life applications • Time • Conversion of days into hours • Conversion of hours into minutes • Conversion minutes into seconds • Conversion of hours into days • Conversion minutes into hours • Conversion seconds into minutes • 12hr and 24hr clock • Addition of time • Subtraction of time Real life applications • Calendar
January	LAYER 11: Geometry	<p><u>Layer 11</u></p>

		<ul style="list-style-type: none"> • Geometry Introduction • Line segment, line, ray • Angles • Naming of Angles • Measuring of Angles • Classification of Angles • Drawing of Angles • Pairs of lines • Types of Polygons • Triangles • Quadrilaterals: Square and Rectangle • Circle • Conversion of radius to diameter and vice-versa • Drawing of circle
February	Revision of <ul style="list-style-type: none"> • Large Numbers and their operations • Fractions and decimals • Measurement 	Recapitulation of topics
March	Mixed Revision	

SCIENCE

S.No.	MONTH	CHAPTERS
1.	JUNE	LAYER - 3 (LEAVES – THE FOOD FACTORY OF PLANTS) LAYER – 2 (CLOTHES WE WEAR)
2.	JULY	LAYER - 4 (ADAPTATION IN PLANTS) LAYER – 6 (REPRODUCTION IN ANIMALS)
3.	AUGUST	LAYER - 5 (ADAPTATION IN ANIMALS)
4.	SEPTEMBER	LAYER - 11 (OUR ENVIRONMENT) LAYER – 12 (POLLUTION)
5.	OCTOBER	LAYER - 1 (TEETH AND DIGESTION)
6.	NOVEMBER	LAYER - 10 (WATER)
7.	DECEMBER	LAYER - 7 (FOOD AND HEALTH)
8.	JANUARY	LAYER - 9 (AIR)
9.	FEBRUARY	LAYER - 14 (STATES OF MATTER)
10.	MARCH	REVISION

SOCIAL SCIENCE

MONTH	TOPIC
APRIL	OUR COUNTRY- HANDOUT
JUNE	MY FAMILY -YESTERDAY AND TODAY THE SOLAR SYSTEM- THE MOVEMENTS OF THE EARTH
JULY	THE HIGH LAND -THE NORTHERN MOUNTAINS
AUGUST	THE LOW LAND -NORTHERN PLAINS
SEPTEMBER	THE LAND OF SAND -THE THAR DESERT THE LAND OF MINERALS
OCTOBER	THE COASTAL PLAINS AND ISLANDS
NOVEMBER	THE CONSTITUTION OF INDIA
DECEMBER	THE SOIL OF INDIA
JANUARY	AGRICULTURE AND CROPS OF INDIA
FEBRUARY	LET'S CELEBRATE-HARVEST FESTIVALS
MARCH	RECAP WORKSHEETS

ICT

INFORMATION AND COMMUNICATIONS TECHNOLOGY

S.NO	MONTH	TOPICS	SUBTOPIC
1.	APRIL	MS-WORD	INSERT-TABLES
2.	JUNE	MS-WORD INTRODUCTION TO INTERNET AND ITS USES PROJECT: TIME TABLE ACTIVITY HARDWARE, SOFTWARE	VIEW-ZOOM, PAGE LAYOUT-BACKGROUND PARAGRAPH DIFFERENCE BETWEEN HARDWARE AND SOFTWARE EXAMPLES
3	JULY	MS POWERPOINT	HOME ,INSERT, DESIGN TAB LAB ACTIVITY
4	AUGUST	MS POWERPOINT PROJECT: POWERPOINT OF SEVEN WONDERS OF WORLD	TRANSITIONS, ANIMATIONS TAB LAB ACTIVITY
5	SEPTEMBER	MS EXCEL	HOME TAB LAB ACTIVITY
6	OCTOBER	MS EXCEL PROJECT: REPORT CARD MAKING IN EXCEL	AUTOSUM,AUTO FILL,CELL MERGE
7.	NOVEMBER	INTRODUCTION TO SCRATCH PROGRAMMING SOFTWARE ABOUT COMPUTERS (GENERAL INFORMATION)	HOW TO OPEN,SAVE AND OPEN AN EXISTING FILE SCRATCH WINDOW LAB ACTIVITIES: MAKING A SPRITE, MAKING A SPRITE DANCE
8	DECEMBER	SCRATCH PROGRAMMING SOFTWARE PARTS OF COMPUTER	LAB ACTIVITIES: MAKING A MANIKIN ,MAKING THE MANIKIN DANCE.
9	JANUARY	GAME	SCRATCH GAME
10	FEBRUARY	PROJECT	

ART

S.NO	MONTH	TOPIC
1	June	SCENE COMPOSITION- TORTOISE
		1. Creating background with wash technique.
		2. Drawing & pattern texturing on the tortoise.
		3. Assembling the parts of the scene.
		4. Underwater background with fauna, rocks & bubbles.
2	July	SCENE COMPOSITION- PANDA
		1. Drawing of the composition.
		2. Colouring & shading.
3	August	INDEPENDENCE DAY CRAFT
		1. Division & cutting of paper in equal parts.
		2. Arranging them in one set each.
		3. A full arrangement of the craft.
4	September	LANDSCAPE COMPOSITION- TREE
		1. Drawing of the composition.
		2. Colouring & shading.
5	October	DIGESTIVE SYSTEM
		1. Understanding the structure.
		2. Drawing the structure.
		3. Colouring the structure.
6	November	RANGOLI

