

NISCORT FR. AGNEL SCHOOL, VAISHALI
ACADEMIC SESSION: 2024-2025
CLASS 5 - OUTLINE SYLLABUS

ENGLISH

	PERIOD 1 (April to Mid- August)	PERIOD 2 (Mid-August to November)	PERIOD 3 (December-March)
Literature	Lesson: Oliver in the Country Lesson: Tenali Meets An Emperor Poem: Summer Sun	Lesson: A Little World of Mud Lesson: The Secret Poem: It's Raining in My Bedroom	Lesson: The Rescue Lesson: A Fishy Story Poem: Nature Is What We see
Grammar	1. Nouns Common, Proper, Collective and Abstract 2. Kinds of Sentences 3. Pronouns Personal / Possessive / Demonstrative 4. Articles	1. Adjectives Kinds and Degrees of Comparison 2. Verbs Subject Verb Agreement 3. Tenses Simple and Continuous 4. Prepositions Time / place / Movement	1. Adverbs Manner / Place / Time / Degree / Frequency 2. Conjunctions Coordinating and Subordinating
Written expression	Paragraph writing	Diary Entry	Formal letter

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<p>Period – 1</p> <ul style="list-style-type: none"> • साहित्य – • 1. कविता – खिलौनेवाला (लिखित) • 2. पाठ- बिशन की दिलेरी • 3. पाठ- स्वामी की दादी • पठन-पाठन – ईदगाह • व्याकरण – • 1. भाषा • 2. वर्ण-विचार और वर्ण-विच्छेद (संयुक्त व्यंजनों सहित) • 3. संज्ञा (भेदों सहित) • 4. लिंग • 5. वचन • 6. पर्यायवाची शब्द (1-24) • 7. अशुद्धिशोधन (शब्दों का) • 8. गिनती 51-100 • रचनात्मक लेखन – 	<p>Period – 2</p> <p>साहित्य –</p> <ol style="list-style-type: none"> 1. कविता – एक माँ की बेबसी (लिखित) 2. पाठ – राख की रस्सी 3. पाठ- नन्हा फनकार <p>पठन-पाठन – चिट्ठी का सफ़र</p> <p>व्याकरण –</p> <ol style="list-style-type: none"> 1. सर्वनाम (बिना भेदों के) 2. विराम-चिह्न 3. विलोम शब्द(1-33) 4. कारक 5. अनेक शब्दों के लिए एक शब्द (1-30) 6. अशुद्धिशोधन (वाक्यों का) 	<p>Period – 3</p> <p>साहित्य –</p> <ol style="list-style-type: none"> 1. कविता – छोटी सी हमारी नदी (लिखित) 2. पाठ- पानी रे पानी 3. पाठ- चुनौती हिमालय की <p>पठन-पाठन – फसलों के त्योहार</p> <p>व्याकरण –</p> <ol style="list-style-type: none"> 1. विशेषण (भेदों सहित) 2. क्रिया (भेदों सहित) 3. काल 4. पर्यायवाची शब्द (25-48) 5. विलोम शब्द (34-66) 6. अनेक शब्दों के लिए एक शब्द (31-60) 7. मुहावरे (1-20 केवल अर्थ)

<ul style="list-style-type: none">● अनुच्छेद लेखन, औपचारिक पत्र	<p>रचनात्मक लेखन –</p> <ul style="list-style-type: none">● वार्तालाप लेखन , चित्र वर्णन● अपठित गद्यांश● मौखिक अभिव्यक्ति	<p>8. अशुद्धिशोधन (शब्दों व वाक्यों का)</p> <p>रचनात्मक लेखन –</p> <ul style="list-style-type: none">● अनौपचारिक पत्र, अनुच्छेद लेखन● अपठित गद्यांश● श्रुतभाव ग्रहण
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MATHS

PERIOD-1

1. CHAPTER -1 PLACE VALUE

- Place value chart- Periods, place and place value (8 - digit)
- Numerals and number names (8 - digit)
- Expanded and standard form (8 - digit)
- Comparing numbers (8 - digit)
- Ordering numbers (8 – digit)
- Building numbers(8 - digit)
- Successor and predecessor (8 - digit)
- Rounding numbers to the nearest tens, hundreds and thousands
- Roman Numbers

2. CHAPTER-2 ADDITION, SUBTRACTION AND THEIR APPLICATIONS

- Addition and Subtraction upto 6 digit numbers
- Properties of addition and subtraction
- Steps of problem solving
- Finding missing numbers [missing addends, minuends & subtrahends]

3. CHAPTER-3 MULTIPLICATION , DIVISION AND THEIR APPLICATIONS

- Multiplying with bigger numbers [2- 3 digits] and multiplying with zeroes.
- Division with 2-digt number
- Properties of multiplication & division
- Writing the remainder as a fraction
- Problem solving

PERIOD-2

4. CHAPTER-4 FACTORS

- Rules of divisibility
- Properties of factors
- Factors & Common factors
- Using factors in real life [exploring factors]
- Prime and composite numbers
- Finding prime factors by prime factorization method

5. CHAPTER-5 MULTIPLES

- Multiples
- Properties of multiples
- Common multiples
- Finding Lowest common multiple [L.C.M] by division method

6. CHAPTER- 6 FRACTIONS

- Types of fractions[revision]
- Changing an improper fraction into a mixed fraction and vice versa [revision]
- Finding and checking Equivalent Fractions
- Comparing fractions [with same & different denominators]
- Adding & subtracting like & unlike fractions along with word problems.
- Adding & subtracting mixed fractions along with word problems

7. CHAPTER-7 DECIMAL NUMBERS

PERIOD-3

8. CHAPTER – 9 GEOMETRY BASICS

- Understanding geometric terms [point, line, line segment, ray]
- Angle and its parts
- Types of angles
- Measuring angles using protractor
- Constructing angles using protractor

9. CHAPTER -10 -MEASUREMENT

- Measurement of length [conversions both ways & problem sums]
- Measurement of mass [conversions both ways & problem sums]
- Measurement of capacity [conversions both ways & problem sums]
- Addition & subtraction of measurements along with problem sums
- Estimating measures

10. CHAPTER – 12 TIME

- Reading and writing of time (Revision)
- Revision of 12 / 24 hour clock time.
- Conversions [bigger unit into smaller unit and vice-versa along with word problems (days, hours, minutes, seconds)]
- Adding and subtracting measures of time
- Working with bigger units of time [along with word problems]

	<ul style="list-style-type: none"> • Understanding decimals – [decimal place value chart, reading and writing of decimals, converting fractions into decimals and vice-versa upto tenths & hundredths] • Thousandths [rewriting as fractions and decimals] • Equivalent decimals • Like and unlike decimals • Comparing and Ordering of decimals • Addition and subtraction of decimals along with problem sums • Multiplication of decimals by a whole number • Multiplication & division of decimals by 10,100 & 1000 	<ul style="list-style-type: none"> • Finding the starting time, elapsed time and finishing time (along with word problems) <p><u>11. CHAPTER 11 -PERIMETER AND AREA</u></p> <ul style="list-style-type: none"> • Perimeter of a rectangle & a square • Area of a rectangle and a square • Different units of area • Problem sums <p><u>12. CHAPTER- 14 DATA</u></p> <ul style="list-style-type: none"> • Bar Graph [revision] • Reading Circle Graphs • Tally Marks
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EVS OUTLINE SYLLABUS

PERIOD-1 (Up to the end of July)	PERIOD-2 (Up to the end of October)	PERIOD-3 (Up to the end of January)
<p>1. Super Senses (L-1)</p> <ul style="list-style-type: none"> • Importance of sense organs. • Comparison between animal and human senses. • Sense of smell in ants , mosquitoes and dogs. • Sense of sight in birds and animals • Sense of hearing in humans and animals • Animals and their sensitive senses • Self-defence in animals • Sleeping and waking routine of animals • Importance of animals • Endangered animals • Protection of wild life <p>2. Every Drop Counts - (L-6)</p> <ul style="list-style-type: none"> • Water conservation yesterday and today – stepwells and rain water harvesting. • Ghadisar lake • Customs related to water • Sources of water • Importance of water • Water shortage- its causes and prevention. 	<p>4. Seeds And Seeds (L-5)</p> <ul style="list-style-type: none"> • Difference between dry seed and soaked seed • Seed germination [factors and stages] • Parts of a seed • Types of seeds (monocot and dicot) • Insectivorous plants • Seed dispersal- Need and ways • Fruits & vegetables from far & near <p>5. Whose Forest?(L-20)</p> <ul style="list-style-type: none"> • Suryamani-her life and achievements • Tribal life and their dependence on forest • Forests in India • Importance of forests • Effects of deforestation • Protection of forests • Jhoom farming – a unique system • Map Work <p>6. Walls Tell Stories (L-10)</p> <ul style="list-style-type: none"> • Golconda fort and its special features • Directions and sub directions • Map of Golconda fort • Arrangement of light and water inside the fort 	<p>8.A Treat For Mosquitoes (L-8)</p> <ul style="list-style-type: none"> • Malaria- its cause, treatment and prevention • Different ways of spreading diseases from one person to another. • Anaemia – its cause , symptoms and prevention • Plants and animals in and around water. <p>9. From Tasting To Digesting (L- 3)</p> <ul style="list-style-type: none"> • Tongue- its functions , Location of different taste buds on tongue • Digestion in mouth • Path of food in the digestive system, labeling diagram • Importance of water in the human body • Glucose and its function • Digestion in the stomach • Balanced diet and Good health • Proper food –Every child’s right • Story of Dr. Beaumont <p>10. What If It Finishes (L-12)</p> <ul style="list-style-type: none"> • Vehicles on the road • Fuels used to run vehicles • Petrol- a non-renewable resource

- Scarcity of water in Rajasthan
- Potable water

3. Up You Go! (L-9) ORAL

- Adventure sports and their risk factors
- Mountaineering as an adventure sport
Challenges faced during mountaineering
- Responsibilities of a group leader
Bachhendri Pal and their achievement

- Metals used in olden days
- Attacks on the fort
- Importance of Museum and monuments
- Ways to preserve the monuments
- Material sources of history

7. When the Earth Shook (L-14) ORAL

- Natural disasters
- Difference between human made and Natural disasters
- After effects of an earthquake
- Help required during and after an earthquake
- Precautions to be taken during an earthquake
- Importance of neighbourhood
- Difference between drought and famine
- After effects of floods

- Difference between renewable and non-renewable resources
- Uses of petrol
- Different forms of petroleum
- Fuels used in rural areas and their disadvantages
- Conservation of petrol

11. A Shelter So High (L-13)

- Gaurav Jani's journey
- Tent as a new home
- Cold desert- Ladakh
- Lifestyle and houses of people living in Ladakh
- Comparison between the life style of the Changpas and the Bakarwals
- The pashmina shawl
- Houses in Kashmir
- Comparison between the house in cities and those in the hilly areas.
- Discussion on how houses are built to suit the needs of people.
- Map work- shortest distance from one state to another.
- Directions and sub directions- Map work
- Challenges faced in mountaineering
- Things needed for mountaineering

12. Mangoes Round The Year (L- 4) (ORAL)

		<ul style="list-style-type: none"> • Perishable & non-perishable food • Cause of food spoilage • Making of Mamidi Tandra • Food preservation & its methods • Wastage of food
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GK OUTLINE SYLLABUS

PERIOD-1 (Up to the end of July)	PERIOD-2 (Up to the end of October)	PERIOD-3 (Up to the end of January)
Chapter-1 First among equals Chapter-2 Fruity fun Chapter-4 Gifts of nature Chapter-5 All about animals	Chapter- 6 The world around us Chapter -7 Exploring Europe Chapter-8 Interesting Inventions Chapter-9 Science Struck	Chapter- 12 Business Barons Chapter -13 Amazing women Chapter- 14 Artists and their art Chapter-18 Banking matters Current Affairs (Handout will be given from school)

COMPUTER

<ul style="list-style-type: none">• Flowcharts (Condition / Decision Constructs)• MS PowerPoint	<ul style="list-style-type: none">• mBlock coding application	<ul style="list-style-type: none">• Quiz / Game Development in mBlock• Internet Terms• Wrapping Up (Mind Maps using Popplet)
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French

Grade	Period 1 (April – July)	Period 2 (August – mid November)	Period 3 (mid -November–February)
V	Lesson 0 Lesson 1 Lesson 2	Lesson 3 Lesson 4 Lesson 5	Lesson 6 Lesson 7 Lesson 8 (Some topics of lesson 9 and 10)