

Fr. Agnel School, Noida
Syllabus for the academic year 2018 - 2019

Class 5

SUBJECT	TERM 1 – SYLLABUS	TERM 2 – SYLLABUS
ENGLISH	<p><u>LESSONS</u> 1. Robinson Crusoe 2. Talkative Barber 3. The Little Bully</p> <p><u>POEMS</u> 1. My Shadow (Written Work) 2. Ice -cream Man (Oral)</p> <p><u>GRAMMAR STRUCTURES-</u> 1. Punctuation [full stop, comma, question mark & exclamation mark] 2. Introduction to Kinds of Sentences [positive, negative, interrogative, exclamatory and sentence reordering] 3. Subject And Predicate 4. Nouns: Common, Proper, Abstract and Collective 5. Pronouns [personal, demonstrative, possessive & interrogative] 6. Adjectives & Degrees of Comparison [quality, quantity & number] [identification/ fill in the blanks / error finding and correction/ transformation]</p> <p><u>CREATIVE WRITING</u> 1. Paragraph Writing- descriptive & imaginative 2. Dialogue Writing 3. Message writing</p> <p><u>SUPPLEMENTARY READING</u> 1. Mowgli’s Brothers 2. Kaa’s Hunting</p> <p>UNSEEN PASSAGE</p> <p>DECLAMATION</p>	<p><u>LESSONS</u> 1. Gulliver’s Travel 2. Around The World 3. Who Will Be Ningthou?</p> <p><u>POEMS</u> 1. Malu Bhalu (Written Work) 2. Topsy Turvy Land (Oral)</p> <p><u>GRAMMAR STRUCTURES-</u> 1. Articles [recap] 2. Verbs & Tenses [Simple and Continuous][Fill in the blanks and transformation] 3. Adverbs and its Kinds[manner, place, time, frequency and degree] 4. Conjunctions-[FANBOYS, coordinating, co-relative and subordinate][either-or, neither-nor, not-only, and-both, but-also, although-yet] 5. Prepositions 6. Revision of structures done in term 1 and 2.</p> <p><u>CREATIVE WRITING</u> 1. Paragraph Writing- imaginative 2. Dialogue Writing 3. Formal letter [Applications related to school] 4. Informal letter [extrapolatory and normal]</p> <p><u>SUPPLEMENTARY READING</u> 1. Tiger ! Tiger! 2. Rikki – tikki – tavi</p> <p>UNSEEN PASSAGE</p> <p>DECLAMATION</p> <p>PROJECT WORK</p>
EVS	<p>1. LESSON 1- SUPER SENSES -Importance of sense organs. -Comparison between animal and human senses.</p>	<p>1. LESSON 13- FROM TASTING TO DIGESTING -Tongue and taste buds -Digestion in mouth</p>

- Sense of smell in ants and dogs.
- Sense of sight in birds and animals
- Sense of hearing in humans and animals
- Animals and their sensitive senses
- Sleeping pattern in animals
- Importance of animals
- Endangered animals
- Protection of wild life

**2.LESSON 13 –
A SHELTER SO HIGH**

- A Traveller’s tale
- 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.

- 3.LESSON 10 –
WALLS TELL STORIES**
- Golconda fort and its special features
 - Studying the map of Golconda Fort
 - Arrangements of water and light inside the fort
 - Metals used in olden days
 - Attacks on the forts
 - Importance of museums and monuments
 - Ways to preserve the monuments.

- 4.LESSON 16-
WHO WILL DO THIS WORK**
- Dignity of labour
 - Dependence of society on essential services
 - Choice of work as a social value
 - Jobs that are considered menial
 - Difficulties faced by the people doing menial work
 - Life in Sabarmati Ashram
 - Gender bias in work.

- 5.LESSON 6-
EVERY DROP COUNTS**
- Water conservation yesterday and today – stepwells and rain water harvesting.

- Path of food in the digestive system
- Importance of water
- Glucose and its function
- Digestion in the stomach
- Good food and Good health
- Proper food –Every child’s right

**2. LESSON 4-
MANGOES ROUND THE YEAR**

- Perishable & non-perishable foods
- Cause of food spoilage
- Making of Mamidi tandra
- Food preservation & its methods

3. LESSON 5- SEEDS AND SEEDS

- Seed germination [factors and stages]
- Parts of a seed
- Types of seeds
- Insectivorous plants
- Seed dispersal
- Fruits & vegetables from far & near

4. LESSON 9 - UP YOU GO

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

5. LESSON 20 - WHOSE FOREST?

- Tribal life and their dependence on forest
- Forests in India
- Importance of forests
- Effects of deforestation
- Protection of forests
- Jhoom farming – a unique system

**6. LESSON 14-
WHEN THE EARTH SHOOK**

- 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

7. LESSON 12 - WHAT IF IT FINISHES

- Vehicles on the road
- Fuels used to run vehicles
- Petrol- a non-renewable resource
- Difference between renewable and non-renewable resources

	<ul style="list-style-type: none"> -Customs related to water -Sources of water -Importance of water -Water shortage- its causes and prevention. -Scarcity of water in Rajasthan -Sources of water -Potable water -Reading a water bill. <p>6.LESSON 7- EXPERIMENTS WITH WATER</p> <ul style="list-style-type: none"> -Things that float and things that sink in water -Water a universal solvent -Things that dissolve and do not dissolve in water. -Concept of density as – water can be thick or heavy -Evaporation in everyday life -Evaporation and rain [The water cycle] - The Dandi March -Making salt from sea water. <p>7.LESSON 8 – A TREAT FOR MOSQUITOES</p> <ul style="list-style-type: none"> -Malaria- its cause, treatment and prevention -Anaemia – its cause , symptoms and prevention -Plants and animals in and around water. -Story of Ronald Ross <p>8.LESSON 21 – LIKE FATHER, LIKE DAUGHTER [Summer Holiday H.W] Objective- To draw attention to the similar traits children share with their immediate family members and also distant relatives.</p>	<ul style="list-style-type: none"> -Uses of petrol -Different forms of petroleum - Fuels used in rural areas and their disadvantages - Conservation of petrol <p>8. <u>GROUP PROJECT WORK – LESSON 11 - SUNITA IN SPACE</u> Objective- Understanding the challenges faced by an astronaut in space.</p>
<p>हिन्दी</p>	<p>पाठ</p> <ol style="list-style-type: none"> १.एक दिन की बादशाहत २.स्वामी की दादी ३.नन्हा फ़नकार <p>कविता</p> <ol style="list-style-type: none"> १.एक माँ की बेबसी-(लिखित) २.गुरु और चेला –(मौखिक) <p>व्याकरण</p>	<p>पाठ</p> <ol style="list-style-type: none"> १.बिशन की दिलेरी २.चुनौती हिमालय की ३.वे दिन भी क्या दिन थे <p>कविता</p> <ol style="list-style-type: none"> १.खिलौनेवाला –(लिखित) २.छोटी सी हमारी नदी (मौखिक-) <p>व्याकरण</p>

	<p>१.भाषा(मौखिक) २.वर्ण-विच्छेद(संयुक्ताक्षर भी) ३.संज्ञा (पुनरावृत्ति) ४.सर्वनाम व भेद ५.विराम-चिह्न(पूर्ण – विराम,अल्पविराम,प्रश्न-सूचक,विस्मयादि बोधक,योजक) ६.पर्यायवाची शब्द [१ से १५] ७.विलोम शब्द [१ से २०] ६.मुहावरे [१ से १३] <u>लेखन अभिव्यक्ति-</u> १.अनुच्छेद लेखन २.चित्र-वर्णन <u>पठन पाठन</u> १ ईदगाह. २.जहाँ चाह वहाँ राह <u>अपठित गद्यांश</u> <u>मौखिक अभिव्यक्ति</u></p>	<p>१.विशेषण व भेद २.लिंग ३.वचन ४.कारक,उसके भेद और विभक्तियाँ परिचय ५.शुद्ध-अशुद्ध (शब्द और वाक्य सम्बन्धी) ६.क्रिया ७.काल-(मौखिक) ८.पर्यायवाची शब्द [१६ से ३०] ९. विलोम शब्द [२१ से ४०] १०. मुहावरे [१४ से २५] ११. पुनरावृत्ति (टर्म १-व्याकरण) <u>लेखन अभिव्यक्ति-</u> १.अनुच्छेद लेखन २.चित्र-वर्णन ३. पत्र अनौपचारिक-लेखन- <u>पठन पाठन</u> १.दुनिया की छत २.बिना जड़ का पेड़ <u>अपठित गद्यांश</u> <u>मौखिक अभिव्यक्ति</u> <u>प्रोजेक्ट कार्य</u></p>
<p>MATH</p>	<p><u>1. NUMBER CONCEPTS</u> 1. Numbers Up to 99,99,99,999[Place Value Chart- 9 Digits] along with periods. 2.Number Names [6-digits] 3. Place & Place Value [6-digits] along with periods. 4.Expanded And Standard Form [5- 6 digits] 5.Comparing & Ordering Numbers[5-6Digits] 6.Forming Numbers[5-6Digits] 7.Successor And Predecessor [5-6 Digits] 8. Rounding numbers to the nearest tens,</p>	<p><u>1.DECIMAL NUMBERS</u> 1. Introduction To Decimals. 2. Reading, Writing& Converting Decimals 3. Place Value & Decimals 4. Conversion of fractions into decimals and visa versa with denominators to the power of 10's 5.Expanded Form Of Decimals 6. Equivalent decimals 7. Like & Unlike Decimals 8. Comparing and ordering of Decimals 9.Addition & Subtraction Of Decimals with like and unlike decimals. 10.Multiplication & Division Of Decimals By</p>

hundreds & thousands.
9. Roman Numerals till 50

2. NUMBER OPERATIONS

1. Addition & Subtraction Of 5- 6 Digit Numbers
2. Rules Of Addition & Subtraction
3. Problem Solving [Add & Subtract]
Mixed and double operations of addition and subtraction
4. Properties Of Multiplication & Division
5. Multiplication and division by 10, 100 & 1000
6. Multiplication Of 3- 4 Digits By 2 & 3 Digit Number
7. Division Of 4-5 Digit Numbers By 2 Digit Number [Long Division]
8. Problem Solving- Multiplication & Division [Mixed and double operations of multiplication and division].

3. MULTIPLES AND FACTORS

1. Multiples & factors. [With numbers 2 to 14]
2. Common multiples & factors
3. Tests Of Divisibility Of 2, 3, 5 & 10
4. Prime & Composite Numbers
5. Prime factorization, LCM

4. ANGLES-

1. Introduction of line, line segment and ray along with their differences.
2. Angles & Its Elements
3. Types Of Angles
4. Construction Of Angles With A Protractor

5. FRACTIONS

1. Revision Of Class 4 Sub-Topics [types, conversion of improper into mixed and visa versa]
2. Fraction Of A Collection
3. Equivalent Fractions
4. Reducing fractions to its lowest term.
5. Comparing And ordering of unlike fractions [Denominators as co-primes]
6. Addition & Subtraction of unlike fractions.
7. Multiplication of fractions.

6. SYMMETRY

10, 100 & 1000.

11. Problem sums involving addition and subtraction

2. MEASUREMENTS

1. Introduction of all units of measurements. (Metric Chart)
2. Conversion of bigger unit to smaller unit and visa versa.
Only (km, m, cm, mm) (kg, g) (l, ml)
3. Conversion of measurement units into a decimal number and vice versa
4. Addition and subtraction of measurements .
5. Word problems of addition and subtraction of decimals .

3. AREA

1. Revision of perimeter
2. Introduction of a Area
3. Area Of A Square & Rectangle.
4. Problem Sums On Area & Perimeter [including finding the cost]

4. TIME

1. Time To Exact Minute (revision)
2. Minutes past and minutes to (revision)
3. Quarter past and quarter to (revision)
4. Conversion Of Units [both ways
Days, hours ,minutes and sec
5. 12 and 24 hour clock
6. Addition & Subtraction
7. Time Duration & Before & After Time (word problem)

5. DATA HANDLING

1. Collection & Handling Of Data
2. Tally Chart
3. Bar graphs [only reading]
4. Circle Graphs [Only Reading]

6. PATTERNS [TO be done as a project]

Patterns with shapes & numbers

MENTAL MATH- Based on the topics taught.

TABLES - Up to 14

	<p><u>TO BE DONE AS GROUP PROJECT</u></p> <ol style="list-style-type: none"> 1. Symmetry 2. Symmetry In Plane Shapes 3. Tessellation 4. Reflection 5. Slides, Flips & Turns <p><u>MENTAL MATH- Based on the topics taught.</u></p> <p><u>TABLES - Up to 14</u></p>	
Physical Education	<p>➤ PRE-FITNESS</p> <ul style="list-style-type: none"> • 50 M SPRINT • STANDING BROAD JUMP <p>➤ BASKETBALL</p> <ul style="list-style-type: none"> • RULES & REGULATION • DRIBBLING & SHOOTING 	<p>➤ SOCCER</p> <ul style="list-style-type: none"> • RULES & REGULATION • DRIBBLING & SHOOTING <p>➤ POST-FITNESS</p> <ul style="list-style-type: none"> • 50 M SPRINT • STANDING BROAD JUMP
GK	<ol style="list-style-type: none"> 1. Hello India (Page 4) 2. Profile of India (Page 5,6 ,7 and 8) 3. Dances of India (Page 9) 4. Seven wonders of the Ancient World (Page 10) 5. Seven Wonders of the Modern World (Page 13) • Exercise -1 (page 11-12) 6. First in India (Page 14) 7. First in the World (Page 15) 8. India's Superlatives (Page 16) • Exercise -2 (Page 17-18) 9. World's Superlatives (Page 19) 10. India : Sobriquets (Page 23) 11. World: Sobriquets (Page 26) 12. India : Changed Names of Some Places (Page 27) 13. World: Changed Names of Some Places (Page 28) 14. Riverside cities of India (Page 29) • Exercise -4 (Page 30-31) 15. Industrial Cities of India (Page 34) 16. Flags of Different Countries (Page 36) 17. Capitals and Currencies (Page 40) <p>Additional Topics :</p> <ul style="list-style-type: none"> • Idioms • Awards (India) 	<ol style="list-style-type: none"> 1. Animal Superlatives (Page 20,21) 2. Fast Facts (Page 22) • Exercise -3 (Page 24 and 25) 3. The World Around Us (Page 32) 4. Capitals and Currencies (Page 40) 5. Abbreviations (Page 41) 6. Timeline of Space Exploration (Page 48) 7. All Purpose Terminology (Page 49) 8. Inventions (Page 50) 9. Newspapers and their Founders (Page 51) • Exercise -7 (Page 52-53) 10. Planets of our Solar system (Page 54) 11. The World Around Us (Page 61) <p>Additional Topics :</p> <ul style="list-style-type: none"> • Civics- Structure of the Parliament (Rajya Sabha, Lok Sabha , Constitution) • Indian Freedom Struggle

Computer	Advance LOGO <ul style="list-style-type: none"> • Logo basic drawing commands • Pen Primitives • Repeat command • Nested repeat command • Procedure MS PowerPoint <ul style="list-style-type: none"> • Definition • Different parts of screen • Presentation • Slides & Slide layout 	MS PowerPoint <ul style="list-style-type: none"> • Insert tab • Editing • Formatting • Animation • Transition • Slide Show • Hyperlink Internet <ul style="list-style-type: none"> • Definition • Networking • Different types of network • How does internet works? • General internet services like search engine, Browser, email, e-shopping, e-learning etc. • Advantages • Disadvantage
OSK	Ice Cream Man Role Play Frames/ Briar Rose	Topsy Turvy Land My Ad My Way Frames / Briar Rose
Value Education	<u>Love your neighbour as yourself</u> <ul style="list-style-type: none"> • Being sensitive towards your environment • Empathy and Sympathy • Being Compassionate • Universal Love <u>Knowing Yourself</u> <ul style="list-style-type: none"> • Self-Esteem • Being Forward looking 	<u>Knowing Yourself (Contd)</u> <ul style="list-style-type: none"> • Critical thinking and problem solving • Time Management <u>Social Behaviour</u> <ul style="list-style-type: none"> • Interpersonal skills • Group coordination • True meaning of leadership • Being tolerant and sensitive to other's belief systems
Art	<ul style="list-style-type: none"> • I am special (Name Calligraphy) • Folk painting(Madhubani painting) • Poster on Independence day • Mosaic painting • Pattern drawing • Optical illusion 	<ul style="list-style-type: none"> • Dot painting • Christmas craft • Silhouette painting • Landscape with perspective

Indian Music

Month	Topic
April /May	Alankars , swara Abhyas, Vocal Exercises , Breathing Exercises through vowels. Raag yaman with description and composition . Song on Environment .
July	Alankars, swara Abhyas, Vocal and breathing Exercises through Vowels. Krishna Bhajan. Hymn from Diary..
August	Alankars, swara abhayas vocal and Breathing exercises ,

	Birthday song Patriotic song
September	Alankars, swara Abhyas Vocal Exercises. Revision of previous songs Hymn from diary .
October	Alankars , swara abhyas ,vocal exercises song on Gandhi Jayanti, Ram Bhajan.
November	Alankars , swara abhyas , Vocal Exercises Folk song or Regional Song .
December	Alankars, Vocal Exercises Carols in hindi Hymn from diary.
January	Alankars, Vocal Exercises Revision of previous lessons. Patriotic Songs. Secular Hymns

Dance

<u>Month</u>	<u>Topic</u>
March	Vishnu vandana & theory about dance
April & May	The song based & have an sharing song- Jahan ho pyar ka mausam Labour day song –O mitwa
July	1) In panchiyon ko dekhkar 2) Mera jahan
August	Patriotic song
September	Revision for previous lesson & grades
October	Song – Khwabon ki ek titli & man ke manjere
November	Song – Khwabon ki ek titli & man ke manjere
December	Christmas song – Light a candle -have jolly jolly Christmas
January	Republic day – Mera rang de basanti mahi
February	Revision for previous year & grades