DAV Public Primary School

Daryaganj, New Delhi 110002

ACADEMIC PLAN 2019-20

CLASS-IV

ENGLISH

Learning Objectives:

- To read aloud and silently at varying speeds.
- To write a variety of sentence types.
- To listen to a wide range of oral texts and respond appropriately.
- To use grammatical structures meaningfully and appropriately in oral and written production.
- To build an elementary understanding of form, meaning and use of targeted grammatical structures.
- To use appropriate English to communicate in various social settings.

Prescribed Text Books:

- 1. My English Reader
- 2. English Practice Book

Suggested Reading:

- 1. The Grammar Tree (Oxford University Press) for class
- 2. Friday Afternoon Comprehension Book for class 4

Suggested Web links:

http://davd-4.blogspot.in/

http://learnenglishkids.britishcouncil.org/en/

https://www.youtube.com/channel/UCT2hIVVJymPZ7Dcg-SkPWww

Term I- April- September			
Month	Content	Activities/Projects	
April	My English Reader: Unit 1- Sports • Prose : 'A True Friend' Grammar: • Nouns	Group : Crossword Puzzle on Homophones	
May	English Practice Book: • Unit 1:Nouns • Unit 2: Genders My English Reader: Unit 1- Sports • Prose: 'Mix up at Birth' Grammar: • Pronouns • Synonyms English Practice Book: • Unit :3 Pronouns	Individual: Poem Recitation	
July	My English Reader: Unit 2- Travel	Group: Describe a picture using Adjectives.	

	English Practice Book:Unit 5 : Describing Words		
August	My English Read Unit-3: Wit and Hu Prose: 'The Rich L and the Artist' Writing skill:Para writing Grammar: • Verbs • Subject Verb Agreement English Practice • Unit 7: Verb	imour ady graph	Individual: Narrate a short humorous story/ incident.
September	Revision for Periodic Test- II		Spell Check + Listening Comprehension
Unit Test- I Syllabus Words My Engl		: Comprehension passage r: Nouns, Genders and Jumbled sh Reader: Prose: A True d Mix Up At Birth	
Unit Test- II Syllabus		Reading: Comprehension passage / poem Grammar: Pronouns, Synonyms, Describing Words, Verbs My English Reader: Prose – Jungle Safari, The Rich Lady and the Artist	

Half Yearly Examination	Reading: Comprehension passage / poem
	Writing skill: paragraph writing, picture
	composition

English Reader: A true friend, Mix up at birth, jungle safari, The Rich lady and the artist

• English Practice Book: Nouns Genders, Describing verbs, verbs

Term II- October- March				
Month	Content	Activities/Projects		
October	My English Reader: Unit 3: Wit and Humour • Prose: 'The Foolish Men' Grammar: • Prepositions English Practice Book: • Unit 4 : Prepositions	Group: Word Wangling		
November	My English Reader: Unit 4: Fantasy	Group: Story Sequencing (based on 'In the land of Lilliput')		

December	My English Reader: Unit 4- Fantasy • Prose: 'King Thrushbeard' Grammar: • Articles English Practice Book: • Unit 6: Determiners (Articles)	Individual: Write about your favourite story/fairy tale character.			
January	Writing Skill:	Individual: Students will speak 5- 6 sentences on any one of the given topics.			
February	Revision for Final Examination	Spell Check + Listening Comprehension			

	Reading : Comprehension passage
Unit Toot III	Grammar: Prepositions, Adverbs and Tenses
Unit Test- III Syllabus	My English Reader: Prose – The Foolish men

	Reading: Comprehension passage		
Unit Test- IV Syllabus	Grammar: Subject and predicate and Determiners		
- Cynabas	My English Reader: Prose- In The Land of Lilliput		
	Reading: Comprehension passage / poem		
	Writing Skills: Picture Composition and		
Final Examination	Paragraph Writing		
Syllabus	Grammar: Tenses, Subject-Predicate, Articles,		
,	prepositions English practice book: king Thrushberd, the foolish men, in the land of lilliput		

हिन्दी

हिन्दी भाषा शिक्षण के उदेश्य-

- सुनने,बोलने, पढ़ने व लिखने की क्षमता के विकास हेतु भाषायी कौशलों का ज्ञान देना।
- अर्थग्रहण पूर्वक शुद्ध व गति पूर्वक पढ़ना।
- विभिन्न भाषा शैलयों एवम साहित्यिक विधाओं का ज्ञान देना।
- भाषा के औपचारिक व अनौपचारिक रूपों का ज्ञान देना।
- रचना के मौखिक व लिखित रूपों का ज्ञान देना।
- भाषा व साहित्य के प्रति रूचि उत्पन्न करना ।

- रसानुभूति कराना ।
- समीक्षा करने की कुशलता का विकास करना ।

निर्धारित पाठ्य पुस्तकें:

- भाषा अभ्यास
- भाषा माधुरी

प्रस्तावित पुस्तकें:

- हिन्दी व्याकरण सोनका पब्लिकेशन
- **र्वा** हिन्दी व्याकरण चन्दन पब्लिकेशन
 - हिन्दी व्याकरण समर पब्लिकेशन

प्रथम सत्र- अप्रैल- सितम्बर

मास	विषय सामग्री	गतिविधियां /परियोजना
अप्रैल	भाषा माधुरी - पाठ 1 (फैलती चप्पले) पाठ 2 (उल्टा-पुल्टा)	अपनी दादी के लिए एक बैग बनाएँ
	<u>भाषा अभ्यास</u> – पेज 1 से 9	
मई	 <u>भाषा माधुरी -</u> पाठ ३ (अनोखा ढंग पाठ ४ मित्रता	कठिन शब्दों का अभ्यास कीजिये
	<u>भाषा अभ्यास-</u> संबंधित पाठ_	

जुलाई	पाठ ६ पहला बारिश	मीठी वाणी से संबंधित कोई कविता या दो दोहे याद कीजिये
अगस्त	भाषा पाठ - 7 दादी का रेडियो पाठ - 8 किस्से कहावतो की दुनिया भाषा अभ्यास- संबंधित पाठ	

	भाषा माध्री –
	पाठ 1 (फैलती चप्पले) पाठ 2 (उल्टा-पुल्टा)
	भाषा अभ्यास — संबंधित पाठ व कक्षा में कराया
प्रथम इकाई परीक्षा	गया कार्य
पाठ्यक्रम	
	भाषा माधुरी – पाठ ३ (अनोखा ढंग
	पाठ 4 मित्रता
द्वितीय इकाई परीक्षा	भाषा अभ्यास – संबंधित पाठ व कक्षा में कराया गया कार्य
पाठ्यक्रम	
अर्धवार्षिक परीक्षा	 भाषा माधुरी – पाठ 5 सेर को सवा सेर पाठ 6 पहली बारिश

पाठ्यक्रम

पाठ - 7 दादी का रेडियो पाठ - 8 किस्से कहावतो की दुनिया

<u>भाषा अभ्यास</u> – संबंधित पाठ *ट्याकरण-*

संबंधित सत्र में करवाई गई संपूर्ण व्याकरण

द्वितीय सत्र - अक्टूबर - मार्च

मास	विषय सामग्री	गतिविधियाँ / परियोजना
अक्टूबर	भाषा माधुरी — पाठ — 9 नानी की नाव चली पाठ 10 (एक बौना और लकडहारा)	

	भाषा माधुरी					
नवम्बर						
	पाठ 11 (मौसम)					
	पाठ 12 (आँख मिचौनी)					
	 तृतीय इकाई परीक्षा				•	
	भाषा माध्री	चित्र बनाते हुए	कविता	को कहानी	के व	रूप में
	पाठ 13 (चतुर चित्रकार	लिखिए				
दिसम्बर)					
	पाठ 14 (एक थी स्वाति					
)					
जनवरी	भाषा माधुरी					
	पाठ 15 (होली के रंग हज़ार					
)					
	पाठ 16 (ऐसे भी बच्चे)					
	पाठ 17 (कोयल					
फरवरी	पुनरावृति कार्य					
मार्च	वार्षिक परीक्षा					

• तृतीय इकाई परीक्षा पाठ्यक्रम पाठ – 9 नानी की नाव चली पाठ 10 (एक बौना और लकडहारा)

• चतुर्थ इकाई परीक्षा भाषा माधुरी- पाठ 11 (मौसम)

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पाठ 12 (आँख मिचौनी भाषा अभ्यास - संबंधित पाठ व कक्षा में कराया गया कार्य

पाठ्यक्रम

	<u>ट्याकरण</u> _
वार्षिक परीक्षा पाठ्यक्रम	भाषा माधुरी - पाठ 14 (एक थी स्वाति)
	पाठ 15 (होली के रंग हज़ार)
	पाठ 16 (ऐसे भी बच्चे)
	पाठ 17 (कोयल)
	<u>व्याकरण</u> –
	संबंधित सत्र में करवाई गई संपूर्ण व्याकरण
	<u>भाषा अभ्यास</u> – संबंधित पाठ
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MATHEMATICS

Learning Objectives:

- To perform mathematical operations and manipulations with confidence, speed and accuracy.
- To develop spatial concepts and the ability to use them.
- To inculcate the ability to manipulate numbers, symbols and other mathematical objects.
- To think and reason precisely, logically and critically in any given situation.
- To appreciate the precise and aesthetic aspect of mathematics.

Prescribed Text Books:

Primary Mathematicsby DAV Publications

Suggested Reading:

- Scholastic Go Math by Scholastic Education
- Quest of Mathematics by Cambridge (India)

Suggested Web links:

- https://in.ixl.com/math/class-iv
- www.mathabc.com

Term I- April- September		
Month	Content	Activities/Projects

April	Unit-1 Numbers up to 9,99,999 Unit-2 Addition and Subtraction	Individual -Collect any 10 mobile numbers of family or friends. Arrange the last 6-digits of all the numbers in a tabular form. Write there number names and arrange them in descending order. Also write any 5 disadvantages of excessive use of mobile phones.
May	Unit-2 Addition and Subtraction	

July	Unit-3 Multiplication Unit-4 Division (Worksheet-1 to Worksheet-4)	Individual- Finding the product of two numbers by counting the points of intersection. Group-Egg tray activity on the concept of division with a follow up worksheet
August	Unit-4 Division (Worksheet-5 and Worksheet-6) Unit-5 Length Unit-6 Weight	Group - Find length of any 5 objects present around you using a measuring tape and arrange the data in a tabular form.
September	Revision	Class Quiz, Practice Assignments, Sample Paper.

UNIT Test- I	Unit-1 Numbers up to 9,99,999
Syllabus	Unit-2 Addition and Subtraction

	Unit-3 Multiplication
UNIT Test- II	Unit-4 Division
Syllabus	
SUMMATIVE	Unit-5 Length
ASSESSMENT I	Unit-6 Weight
Syllabus	Unit-3 Multiplication

Month	Content	Activities/Projects
	Unit-7	
	Capacity	Individual- To demonstrate that
October	Unit-11	
October	Perimeter	square is the best unit to measure
	Unit-12	area.
	Area	
	Unit-9	
	Fractions	
Novembe	Unit-13	Individual - Paper folding activity
r	Volumes	for equivalence of fractions.
	Unit-14	
	Fun with patterns	
		Group - Let's prepare a

December	Unit-8 Time and Calendar	mathematical calendar for 2018. Each group will be allotted a month from January 2018 to
		December 2018. They will be asked to prepare a mathematical calendar in which each date will be a solution to a mathematical

		question.
		Individual-Use matchsticks to
	Unit-10 Angles	make different shapes on a
January	Onit-10 Angles	drawing sheet and then note down
		the number of acute, obtuse and
		right angles.
Echruary	Revision for Final	Class Quiz, Practice Assignments,
February	Examination	Sample Paper.
March	Final Examination.	

Unit-7 Capacity Unit-11 Perimeter Unit-12 Area	
UNIT Test-IV Syllabus	Unit-8 Time and Calendar Unit-9 Fractions

Final Examination	Unit-8 Time and Calendar
	Unit-9 Fractions
	Unit-10 Angles
Syllabus	Unit-13 Volumes
	Unit-14 Fun with patterns

SCIENCE

Learning Objectives:

- To nurture the natural curiosity, aesthetic sense and creativity in science and technology
- To promote and foster scientific temperament.
- To provide knowledge of facts, principles and concepts of self and surroundings.

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- To practice healthy habits and develop social skills and values.
- To develop ability of creative expression.
- To imbibe the values of honesty, integrity, cooperation, concern for life and preservation of environment.

Prescribed Text Books:

My Living World (DAV Publication)

Suggested Reading:

New Science in Everyday Life – Vaishali Gupta and Amerada Gupta All about Science (Book 4) – Supriya Rajmohan

The Amazing Facts: Living world

Suggested Web links:

- www.makemegenius.com
- <u>www.ikenstore.com</u>
- www.enchantedlearning.com
- www.meritnation.com

Term I- April- September		
Month	Content	Activities/Projects
April	Lesson-1: My body Lesson-2: Plants	Construction of Food Path Make a model of Human Jaw

May Unit Test - I	Lesson-2: Plants	Make a chart using some pictures of edible roots.
July Unit Test - II	Lesson-3: Flower and Fruits Lesson-4: Plants Around us	Make a paper flower using Origami and write a few lines on it. Prepare charts of terrestrial plants and aquatic plants

September Half Yearly Exam	Lesson-5: Birds and Claws. Lesson-1:My bo Lesson- 2:Plants Lesson-3:Flowe fruits Lesson-4:Plants us	dy s rs and	Guess-The Tool: Compare beaks of birds with tools used in daily life.
UNIT Test-I Syllabus		Lesson-1 Lesson-2	: My body : Plants
UNIT Test-II Syllabus		_	esson-3-Flowers and fruits esson-4-Plants around us
Half Yearly Exam Syllabus		Lesson-1- Lesson-2- Lesson-3-	•

Term II- October- March		
Month	Content	Activities/Projects
October	Lesson- 6: Insects Lesson -7:Food	Role play on various useful and harmful insects.
November	Lesson -7: Food	Construction of Food Pyramid
Unit Test -		

December	Lesson- 8:Water scarcity and conservation of water Lesson- 9:Safe handling and storage of water	1.Collect information on water usage/wastage in your neighbourhood using a questionnaire 2.Make a collage using pictures of containers used for storing water in villages and cities.
January Unit Test - IV	Lesson -9:Safe handling and storage of water	
February	Lesson - 10:Water pollution	

	Lesson-6-Insects Lesson-7-Food Lesson-8- Water scarcity and conservation of	
	water Lesson- 9-Safe handling and storage of water	
March	Final Examination	

Unit Test III- Syllabus	Lesson – 6: Insects Lesson - 7:Food
Unit Test- IV	Lesson-8-Water scarcity and conservation of water Lesson-9- Safe handling and storage of water
Final Examination Syllabus	Lesson-6-Insects Lesson-7-Food Lesson - 8: Water Scarcity and Conservation of Water Lesson – 9: Safe handling and Storage of Water Lesson-10: Water Pollution

SOCIAL SCIENCE

Learning Objectives:

- To gain knowledge about how groups make and implement rules and laws.
- To make them aware of their roles and responsibilities particularly in relation to social and civic affairs.
- To integrate life skills in the everyday lives of the students.
- To inculcate moral values and to groom the learners as responsible human beings.

Prescribed Text Books:

We and Our World (Social Studies) by DAV Publications

Suggested Reading: Environmental Studies (NCERT)

Suggested Web links:

www.wested.org/tie/dlm/blooms.html

www.bena.com/ewinters/blooms.html

Term I- April- September		
Month	Content	Activities/Projects
April	Chapter 1: Family Relationships Chapter 2: Sensitivity Towards Others	Individual: Prepare a family tree and paste family members picture in it.
May Unit test I	Chapter 2: Sensitivity towards others	Group discussion
July	Chapter 3 : celebrating our diversity Chapter 4: An Ideal Home	Individual:Speak a few lines on 'My Favourite Festival'. Group:Poster making – 'My Dream House'.

	Chapter 5: bricks and bridges	
August		
	Chapter4. An Ideal Home Chapter5. Bricks And Bridges Chapter6. Waste Manageme nt Chapter7.The Works We Do Map Work(States of India)	Group: poster making: my dream house Group Best out of waste-Prepare some useful things/objects from waste products like disposable cups or plates, ice cream sticks etc.

Term II- October- March		
Month	Content	Activities/Projects
October	Chapter 8: Leisure Time	Individual/Group Prepare a collage on famous sport personalities of different sports (cricket, football, hockey etc.)
November unit test III	Chapter 9: Directions Chapter 10: Travel And Tours	Individual: Prepare a travel brochure of your city by pasting or drawing the pictures of important tourist places. Individual: Make a poster on air pollution caused by increasing number of transport and its effects on human health.

December	Chapter 11: Let Us Travel	Individual: Prepare a scrap file on any state of India including its culture, climate, food and dress.
January unit test IV	Chapter 11 : Let us Travel Chapter 12: Let Us Communicate	Presentation : prepare a model on any 1 means of communication.

February	Chapter10 :Travel and Tours Chapter11: Let Us Travel Chapter12: Let Us Communicate Chapter13:India Our Motherland (States of India)
March	Final examination

GENERAL KNOWLEDGE

Prescribed Text Books: DAV Publications

Term I- April- September		
Month	Content	
April	Language and LiteratureCurrent affairs	
May	Environment AroundCurrent affairs	
July	World AroundCurrent affairs	

August	 Video clippings, worksheets, language games, and activities based on the units (including 'Fact Files') and newspaper articles.
September	Term I test

	Language and Literature:	Page no. 1-4, 6-8, 13-20
Term I Test -	Environment Around:	Page no. 14-22, 24-26
Syllabus	World Around: affairs	Page no. 27-35, 37-38 Current

Term II- October- February		
October	Art and Culture Current affairs	
November	Math Magic Current affairs	
December	Sports and Games Current affairs	
January	Famous person of the week Mathematical Tricks Know the space	
February	Revision for Final Examination	
March	Final Examination	

Art and Culture: Page no. 39-43, 45-46

Term II
(Final
Examination
) Syllabus

Art and Culture: Page no. 39-43, 45-46

Math Magic: Page no, 47-51, 56-57

Sports and Games: Page no. 58-52, 64

Current affairs

Computer Science

Learning Objectives:

- To apply computer systems to solve real-world problems.
- To develop skills and knowledge in the potential uses of ICT to support learning.
- To foster the child's confidence in his use of ICT, through enjoyable learning experiences.

Prescribed Text Books:

Hands-On by DAV Publications

Suggested Reading:

- e-World by Anita Goel & Sanchayan K.Roy
- Keyboard by Sangeeta Panchal and Alka Sabharwal

Suggested Web links:

- www.khanacademy.org
- http://www.darienlibrary.org

Term I - April - September			
Month	onth Content Activities/Projects		
	Chapter 1: Computer- A Machine Chapter 2:	Individual:1. Collage of various Input and Output devices of a computer.	
April		2. Find out the storage capacity of your computer.	
		Group:	
	More on Tux Paint	Categorize the devices into Input, Output and Storage devices.	

		Individual:
May	Chapter 2: More on Tux Paint (contd.)	Draw the National flag by using Line and Shapes tool.
		Group:
	Chapter 3: Exploring Tux Paint	Draw Night Sky and Hut in a garden.
	Chapter 3: Exploring Tux Paint	Individual- Create a story using Tux Paint on any one topic given below:
July	Chapter 4:	1. The Thirsty Crow
	Logo-1	2. Slow and Steady wins the Race.
		Individual:
		Try following commands in the computer lab:
	Chapter 4: Logo-1	BK 100
August		RT 90
		FD 50
		Identify the shape and alphabet you get on the screen by using the above commands.
	Revision for	Individual- 1.Draw the following shape using PU and PD command.
	Periodic Test-II	LOGO
September	Chapter 5:	2. Try the following commands.
	Logo-II	(i) Repeat command to draw a SQUARE.
		(ii) Repeat command to draw a CIRCLE.
Term 1 Test - (Practical)		Chapter 1: Computer- A Machine
		Chapter 2: More on Tux Paint
Syllabus	(i raciicai <i>)</i>	Chapter 3: Exploring Tux Paint
		Chapter 4: Logo-1

Term II- October- March		
Month	Content	Activities/Projects
October	Chapter 5: Logo-II (contd.)	Individual-1.Identify toolbar and solve the crossword.
	Chapter 6:Writer- Getting Started	2. Write a Paragraph on 'Swachh Bharat' using Writer.
I (MADIEL/		Individual-1. Use Open Office –Writer to draw a poster on 'Save Earth'.
November	Editing in Writer Chapter 8:	2. Using www.google.com search the following information:
	Internet as a pool of Information	(i) The distance between Delhi and Chicago.(ii) Name of any two search engines.
December & January	Revision for Final Examination	Worksheets and Practice Assignments
February & March	Revision for Final Examination	
March	Final Examination	

Syllabus	Chapter 8: Internet as a pool of information
(Practical)	Chapter 7: Editing in Writer
Final Examination	Chapter 6: Writer-Getting Started
	Chapter 5: Logo-II

DRAWING

Prescribed Text Books:

• STEP BY STEP (D.A.V PUBLICATIONS)

Suggested Web links: You Tube

Term I - April-September		
Month	Content	Activities/Projects
	• SBS Pages- 2,3,4,5,6,7	Individual-
	(10000000000000000000000000000000000000	Poster Making- Smart children for strong nation
April	Spray painting	ior strong nation
	Introduction to colours	

May	SBS Pages- 8,9,10,11,12Fruit basketGarden composition	Individual- Crafty butterfly & bird
July	SBS Pages- 13,14,15,16Bird compositionAnimal composition	Individual- Poster- Environment protection
August	SBS-Pages-28,29,32,33landscapeSeascape	Individual- Activity related to Independence Day

September	• SBS Pages- 17,1	8,19,30,31 Individual -
	 Dussehra compos 	Pop up card with Thanks giving note to the teacher

	Amazing Birds & Animals	
Term	 Landscape 	
Test-II	Seascape	
Syllabus	 Poster making 	
- Cynasac	5. Colourful Blossoms	

Term II- October- March

Month	Content	Activities/Projects
October	SBS- 20,21,22Village sceneDiwali composition	Individual- Thali decoration
November	SBS- 24,25,,34,Balloon sellerIce cream vendor	Individual- Crafty Doll making
December	SBS- 26,27PerspectiveChristmas festival	Individual- Santa or Snowman
January	 SBS- 35,36,37 Republic Day composition Rangoli Cartoon composition 	Individual- Save water, save life
February	Completion & practice of Final Examination syllabus	

Final Examination Syllabus	 Village scene Vegetable seller or Balloon seller Any festival
	4. Ice cream vendor
	Stay healthy & happy (cartoons) Poster
	Making

नैतिक शिक्षा

Prescribed Text Books: DAV Publications

Term I- April- September		
Month	Content	
April	• पाठ - 1,2	
May	● что — 3,4	
July	● чтठ — 5,6,7	
August	● чтठ — 8,9,10	
September	Revision for Term Test-I	

Term Test-I Syllabus	ਧਾਰ - 1-10
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	Term II- October- February	
October	ਧਾਰ - 11,12,13	
November	ਧਾਰ - 14,15,16	
December	पाठ - 17, 18,19	
January	पाठ - 20,21	
February	Revision for Term Test-II	
March	Term Test II(Final exam).	
Final Examination Syllabus	पाठ - 11- 21	