# Academic Plan – 2015 - 16

## Class – IV ENGLISH

#### Term - I April My English Reader Prose: A True Friend Writing Invitation Letter Grammar Homophones and Nouns Practice Book Unit-I Activities-1. Self introduction (to the class) Individual: 2. Unscramble letters to form words Group: Homophones crossword puzzle. May **My Engish Reader** Prose: Mix up at Birth Writing Application Writing Kinds of sentences, synonyms Grammar **Practice Book** Unit - 2 Activities-Individual: 1. Poem Recitation 2. Listening Comprehension-Students will complete the worksheet on the basis of their listening of the audio tape. July **My English Reader** Prose: Jungle Safari Writing Picture composition Grammar Pronouns, describing words Practice Book Units 3 and 5 **Activities :** Individual: Describe a picture

1

IV

<u>Group:</u>	Make'Travel Ads' for newspapers and magazines.
August	
My English Reader	Prose: The Rich Lady and the Artist
Writing	Paragraph writing
Grammar	Punctuation, Verbs, Subject Ver Agreement
Practice Book	Unit 7
Activities:	
Individual:	1. Tongue twisters
	2. Speak 2-3 sentencs on pictures shown
Group:	Unscramble words to form new words
<u>September</u>	Revision for SA1
Pen and Paper Test	- Syllabus
Formative Assessme Pen and Paper Test Reading	- Syllabus
Pen and Paper Test Reading	- Syllabus Comprehension passage
Pen and Paper Test Reading Writing	- Syllabus Comprehension passage Invitation Letter Nouns
Pen and Paper Test Reading Writing Grammar	- Syllabus Comprehension passage Invitation Letter Nouns Prose: A True Friend
Pen and Paper Test Reading Writing Grammar My English Reader	- Syllabus Comprehension passage Invitation Letter Nouns Prose: A True Friend
Pen and Paper Test Reading Writing Grammar My English Reader <u>Formative Assessme</u>	- Syllabus Comprehension passage Invitation Letter Nouns Prose: A True Friend
Pen and Paper Test Reading Writing Grammar My English Reader <u>Formative Assessme</u> Pen and Paper Test	- Syllabus Comprehension passage Invitation Letter Nouns Prose: A True Friend ent-2 - Syllabus
Pen and Paper Test Reading Writing Grammar My English Reader <u>Formative Assessme</u> Pen and Paper Test Reading	<ul> <li>Syllabus</li> <li>Comprehension passage</li> <li>Invitation Letter</li> <li>Nouns</li> <li>Prose: A True Friend</li> <li>ent-2</li> <li>Syllabus</li> <li>Comprehension passage</li> </ul>
Pen and Paper Test Reading Writing Grammar My English Reader <u>Formative Assessme</u> Pen and Paper Test Reading Writing	<ul> <li>Syllabus</li> <li>Comprehension passage</li> <li>Invitation Letter</li> <li>Nouns</li> <li>Prose: A True Friend</li> <li>ent-2</li> <li>Syllabus</li> <li>Comprehension passage</li> <li>Application writing</li> </ul>
Pen and Paper Test Reading Writing Grammar My English Reader <u>Formative Assessme</u> Pen and Paper Test Reading Writing Grammar	<ul> <li>Syllabus</li> <li>Comprehension passage</li> <li>Invitation Letter</li> <li>Nouns</li> <li>Prose: A True Friend</li> <li>ent-2</li> <li>Syllabus</li> <li>Comprehension passage</li> <li>Application writing</li> <li>Pronouns</li> <li>Prose: Mix up at Birth</li> </ul>
Pen and Paper Test Reading Writing Grammar My English Reader <u>Formative Assessme</u> Pen and Paper Test Reading Writing Grammar My English Reader	<ul> <li>Syllabus</li> <li>Comprehension passage</li> <li>Invitation Letter</li> <li>Nouns</li> <li>Prose: A True Friend</li> <li>ent-2</li> <li>Syllabus</li> <li>Comprehension passage</li> <li>Application writing</li> <li>Pronouns</li> <li>Prose: Mix up at Birth</li> </ul>
Pen and Paper Test Reading Writing Grammar My English Reader <u>Formative Assessme</u> Pen and Paper Test Reading Writing Grammar My English Reader <u>Summative Assessm</u>	<ul> <li>Syllabus</li> <li>Comprehension passage</li> <li>Invitation Letter</li> <li>Nouns</li> <li>Prose: A True Friend</li> <li>ent-2</li> <li>Syllabus</li> <li>Comprehension passage</li> <li>Application writing</li> <li>Pronouns</li> <li>Prose: Mix up at Birth</li> </ul>

2

Dwarka

IV

Dwarka

IV	3	Dwarka	IV	4	Dwarka
	complete workshee listening of audio tap			a comprehensive list. More hout the session	e activities will be
Individual:	Listening Comprehe	ension- Students will		Thurshbeard, Lost Alien	, The Foolish Men
Activities:			My English Reader	Prose : In the Land	l of Lilliput. King
Grammar Practice Book	Tenses-Simple Past, P Simple Future Tense Unit 9	Past Continuous and	Grammar	Antonyms, Prepositions Adverbs, Tenses, Desc Punctuations.	
Writing	Picture Composition		-	Paragraph writing.	
My English Reader	Prose: King Thurshbe	ard	Writing	Informal letter, Pictu	•
<u>December</u>			Summative Assessme Reading	ent-2 Comprehension passag	e/poem
Group:	Sequencing				
Activities:			My English Reader	Prose: In the Land of lill	liput
	and Present Continuo	-	Grammar	Adverbs	
Grammar	Adverbs, Tenses-Sim	ple Present Tense	Writing	Informal letter	
Writing	Informal Letter	F 22	Reading	Comprehension poem	
My English Reader	Prose: In the Land of	Liliput	Pen and Paper Test		
<u>November</u>			Formative Assessme	nt-4	
Group:	Role Play		My English Reader	Prose: The Foolish Men	
Individual:	Spell Check		Grammar	Prepositions	
Activities:			Writing	Pragraph Writing	
Practice Book	Unit 4		Reading	Comprehension passag	e
Grammar	Prepositions, Gender	S	Pen and Paper Test	- Syllabus	
Writing	Paragraph Writing		Formative Assessme	<u>nt-3</u>	
My English Reader	Prose: The Foolish M	en			
<u>October</u>			<b>February</b>	Revision for SA2	
<u>Term - II</u>			Group.	clues	ig with the help of
	Poem: Travel Plans		Group:	On the Spot story writin	
	Friend & Jungle Safar	i	Individual:	Crossword Puzzles on a	intonyms
My English Reader	Prose : Rich Lady and	the Artist, A True	Activities:	Antonyins	
	Sentences.		Grammar	Antonyms	
Grannia	Describing words,		<u>January</u> My English Reader	Prose: The Lost Alien	
Grammar	Punctuation, Pron	ouns Synonyms	January		

2. Worksheets on Reading Section will be given on regular basis.

#### <u> Assignment - 1</u>

#### I. Read the following passage carefully.

Some children love to play with hamsters. They are clean, friendly little animals. Hamsters have soft, golden-brown fur.

Hamsters sleep mainly in the day. They move fast when they areawake. Hamsters have sharp gnawing teeth. They can easily gnaw wood with their sharp teeth. They love to eat mainly seeds, especially sunflower seeds. They eat carrots and apples too.

Hamsters are mammals. The females feed the young with their milk. The babies are no longer than your finger. The mother makes nests for the babies out of paper and rags.

#### Q.1 Complete the sentences.

- a. Children love to play with hamsters because they are \_\_\_\_\_\_
- b. The colour of a hamster's fur is\_\_\_\_\_\_.
- Q.2 Write three things that hamsters love to eat.

1.\_\_\_\_\_2.\_\_\_\_3.\_\_\_\_

- Q.3 Write 'True' or 'False'.
- a. Hamsters are slow when thay are awake. (para 2)\_\_\_\_\_
- b. Hamsters are birds. (para 3)\_\_\_\_\_
- c. The mothers make nests out of paper and rags. (para 3)\_\_\_\_
- Q.4 Find words from the passage which mean the same as :
- a. Bite or chew continuously (para 2)\_\_\_\_\_
  - A piece of old cloth (para 3)\_\_\_\_\_

# II. Read the following passage and answer the questions that follow.

One day, Nasiruddin's horse was sick. So, he borrowed a horse from an army officer. It was a big, strong animal. When Nasiruddin mounted the horse, it neighed loudly. But, Nasiruddin was not worried. Then, it tried to throw him off, but Nasiruddin stayed on it. Suddenly, it started to gallop. One of Nasiruddin's friends saw friends saw him. He called out to his friend, 'Nasiruddin! Nasiruddin! Where are you going?'

'I don't know,' Nasiruddin shouted back. This proud animal hasn't told me.'

#### Q.1 Tick the correct option

1. Nasiruddin borrowed a horse from

a. an army officer	c. a farmer
b. a naval officer	d. a friend

2. The horse was

a. weakc. strongb. sleepd. small

Q.2 Write true or false.

Nasiruddin was able to control the horse.\_\_\_\_\_

- Q.3 What did Nasiruddin's friend ask him? Choose the correct option.a. 'Where are you going?'c. 'Why are you dancing?
  - Where are you going? c. Why are you dancing?
  - b. 'Why are you laughing?' d. 'What are you eating?'
- Q.4 From the passage, find opposite of the word 'pick'.

#### III. Find the partner

There are two partners in each of the following sentences. They sound the same but they are different. Underline them.

- 1. The maid has made the bed.
- 2. Can you see the sea from this window?
- 3. The boy in the blue coat blew the horn.
- 4. Please repair our car within an hour.
- 5. Read this tale of a rabbit's short tail.
- 6. There are three beds in their house.
- 7. The thief could not steal money because it was in the steel almirah.

# IV. Rearrange the following sets of words to form names of fruits and vegetables.

#### Fruits

9.

esap

1.	auagv	2.	rcjftkuai
3.	iwki	4.	itlhic
5.	nseomlkum	6.	pitacro
7.	mulp	8.	utrdcsa eplap
9.	gif	10.	mile
Vegetables			
1.	hpncsia	2.	ruiptn
3.	uknmppi	4.	ueriabgn
5.	ayld fnreig	6.	fecrnh enbas
7.	ebrtit rguda	8.	afelclwroui

V. Read the story 'Mix Up At Birth' of My English Reader and do B4 to B7 on ruled sheets.

10. may

#### ASSIGNMENT-2

I. Read the passage given below and answer the questions that follow.

Elephants are the largest animals that live on land. They eat leaves, sugarcane and soft branches. They have tusks that rest on their lower jaw. Tusks are big pointed teeth.

The most amusing thing about elephants is their long trunk. The trunk is actually the nose of an elephant. Elephants use their trunk to carry food to their mouth. They also use it to spray water on their body. In this way, the trunk helps elephants to keep cool in the hot climate.

7

#### Q.1 Complete the following statements.

a.	is the largest land animal.
----	-----------------------------

- b. Elephants eat\_\_\_\_\_and\_\_\_\_\_.
- Q.2 State whether true or false.
- a. Tusks are pointed nails.\_\_\_\_\_
- b. Trunk is helpful to elephants.\_\_\_\_\_

Q.3 How do elephants carry food to their mouth? Q.4 The word which also means 'a part of tree' is i. trunk ii. body iii. spray Q.5 Frame a sentence of your own using the following words. i. climate ii. jaw

- iii. water
- iv. rest

Q.II Read the passage given below and answer the questions that follow.

#### ART CLASS

We have art class every Tuesday. We learn about different kinds of art, from sketching to colouring. We learn about important things like light, colours and textures. We learn about different craft. Best of all, we learn about our own artistic skills.

Our teacher has taught us how to make a plain paper look interesting. She has also taught us to turn old and useless things into beautiful pieces of art.

I love learning about all these things, but I like art class best of all when we make the art ourselves. I know that sometimes in art class we can get pretty messy, but I don't care, because we are making things that are beautiful. Or... at least we are trying!!!

#### Q.1 Tick the correct option.

- i. How often do the students have art class?
- a. every day

IV

- b. once a week
- c. once a month
- ii. What types of art have the students studied?
- a. painting and sculpture
- b. painting and sketching
- c. sketching and colouring
- d. sculpture and sketching

IV

#### Q.2 Fill in the blanks.

- i. The students learn about important things like\_\_\_\_\_\_ in their art class.
- ii. The narrator like the art class the best of all subjects because\_\_\_\_\_.
- Q.3 Find the word from the passage which means the same as
- i. ability to do something (passage 1)
- ii. dirty (passage 2)
- Q.III Rearrange the words to make complete sentences.
- 1. ate/ the/ food/ the/ mother/ rabbit/ quickly
- 2. hurriedly/ she /went / her/ children/to/get
- 3. water /splashed /noisily/ the/ little rabbits/ the
- 4. they/ merrily/ their/ mother / danced/ around
- 5. mother/ then/ home/ they/ went/ their / with / happily

#### IV. Insert suitable preposition in the blanks

- 1. Jessica jumped\_\_\_\_\_\_the river.
- 2. We buy apples \_\_\_\_\_ shop \_\_\_\_ the corner \_\_\_\_\_ the street
- 3. Let us wait\_\_\_\_the sun to rise.
- 4. Mother was angry\_\_\_\_\_me because I was late.
- 5. Pawan's uniform is \_\_\_\_\_\_the cupboard.

#### V. Write the present form of verb given in the brackets.

- 1. Asha\_\_\_\_\_(wash) her hands with soap.
- 2. Lions\_\_\_\_\_(roar) in the jungle.
- 3. Little babies\_\_\_\_\_ (sleep) most of the time.
- 4. Arun\_\_\_\_(fly) kites everyday.
- **VI.** Fill in the blanks with present continuous form of verb given in the brackets.
- 1. Anju\_\_\_\_\_(sweep) the floor with a broom.
- 2. The children\_\_\_\_(talk) to their friends.
- 3. Rati and her classmates \_\_\_\_\_(sing) a song.
- 4. The boys\_\_\_\_\_(swim) in the pool.

# VII. Supply past forms of verb given in the bracket to fill in the blanks.

- 1. The train\_\_\_\_(start) from the station.
- 2. Manoj\_\_\_\_\_(ring) the bell for the Maths period.
- 3. The train\_\_\_\_\_(stop) at every station.
- 4. The gate was\_\_\_\_\_(open) by the gatekeeper.

#### VIII. Write past continuous form of the verb given in brackets.

- 1. It\_\_\_\_(rain) yesterday.
- 2. They\_\_\_\_(make) paintings for the exhibition.
- 3. We\_\_\_\_(play) in the park.

(SA-1)

(SA-2)

=

= = =

## **Mathematics**

### <u> Term -1</u> <u>April</u>

IV		19	Dwarka	IV	20	Dwarka
					using a measuring tape.	
				Individual:	Find length of different objects pre	esent around you
	Ur	nit-4 Division		(	order.	
Pen-n-Pa	per Test: Uni	t-3 Subtraction			machine, convert into grams. Arrange	in ascending
<u>Syllabus</u>	<u>.</u>			Group:	Find the weight of students in a grou	p using weighing
<u>Formativ</u>	e assessment	<u>t-2</u>		Activities:		
Individual: Cross word puzzle on addition and subtraction.		Unit-7 Capacity				
and answer the questions related to them		to them	Unit-6 Weight			
Group:	Make place	ard of digits 0 to 9 and fo	r places and periods	Pen-n-Pape	er Test: Unit-5 Length	
Activities	5:			<u>Syllabus:</u>		
Unit-2 Addition and Subtraction		ction	Formative Assessment- 3			
Pen-n-Pa	per Test: Unit	-1 Numbers up to 9,99,9	999		Unit-14 Fun with patterns	
<u>Syllabus</u>	•				Unit-13 Volumes	
<u>Formativ</u>	e Assessmen	<u>t-1</u>		<u>December</u>	Unit-10 Angles	
<u>Septemb</u>	<u>er</u> - Revision	for SA-1			Unit-9 Fractions	
	Unit-12	2 Area		<u>November</u>	Unit-8 Time and Calendar	
<u>August</u>	Unit-11	Perimeter			Unit-7 Capacity	
	Unit-4	Division			Unit-6 Weight	
July	Unit-3	Multiplication		<u>October</u>	Unit-5 Length	
May	Unit-2	Addition and Subtract	ion	<u>Term II</u>		
<u>April</u>	Unit-1	Numbers up to 9,99,99	99			

#### Activities:

Group:	Find the perimeter and area of different 2-D
	objects around you.

Individual: Chinese method of multiplication.

#### Summative Assessment-1

### Syllabus:

Unit-1	Numbers up to 9,99,999
Unit-2	Addition and Subtraction
Unit-3	Multiplication
Unit-4	Division
Unit-11	Perimeter
Unit-12	Area

#### Formative Assessment- 4

Syllabus :

Pen-n-Paper Test: Unit-8 Time and Calender

Unit-9 Fractions

#### Activities:

- **Group:** Make different shapes using match sticks on a drawing sheet and note down number of acute, obtuse and right angles formed.
- **Individual:** To understand about the equivalence of fractions by paper folding.

#### Summative Assessment-2

Syllabus:

- Unit-5 Length Unit-6 Weight
- Unit-7 Capacity
- Unit-8 Time and Calender
- Unit-9 Fractions
- Unit-10 Angles
- Unit-13 Volumes
- Unit-14 Fun with patterns

#### Extra Activities :

1. To find the volume of cube and cuboid using cubes of volume 1 cubic unit.

2. To find the area of irregular shapes by first tracing them on graph paper and then counting number of unit squares in it.

# Note : This list of activities is not comprehensive. More activities will be added throughout the session.

### Assignment - 1

- Q.1 Fifty six thousand four hundred fifty is the same as\_\_\_\_\_.
- a) 56440 b) 56450 c) 56504 d) 45650
- Q.2 What is the perimeter of the given figure



- a) 18cm b) 24cm c) 32cm d) 36cm
- Q.3 23 x 14 x \_\_\_\_ =15 x 23 x \_\_\_\_ a) 14, 15 b) 15, 14 c) 23, 14 d) 15, 23
- Q.4 134 x 1000=\_\_\_\_\_
  - a) 1340 b) 134000 c) 0 d) 1341000
- Q.5 Subtract 23,789 from 3,78,001. Check your answer.
- Q.6 Ravi purchased a house for Rs 4,67,800. He spent Rs 3,781 on its repairs. Find the amount he spent in all.
- Q.7 There was 2|750 ml of oil in a can. Reena used 1|900 ml of oil for cooking. How much oil is left in the can?
- Q.8 Divide and check 12,567 by 68
- Q.9 5,000+11,000+2,000=\_\_\_\_\_
- Q.10 Rohit saves Rs 340 every month. How much money can be saved in-

i) 9 months ii) 4 years

- Q.11 Given that 345x12=4140 Find i) 345x13= ii) 345x11=
- Q.12 Solve 30,000-12,236
- Q.13 There are 187 beads in one necklace. Find the total number of beads in 23 such necklaces.
- Q.14 Form the greatest and the smallest numeral using the digits 3, 4, 6, 1, 0 only once.
- Q.15 Find the number which is 34,901 more than 3,78,001.
- Q.16 Find the difference between 23,546 and 1,20,981.
- Q.17 Divide-

IV

i) 23,789 by 34 ii) 45,091 by 44

- Q.18 Reema wants to fix a border to a square carpet with edge 3 metres long. Find the length of the border.
- Q.19 A Square park is to be watered. If one side of the park is 4m, find the area to be watered?
- Q.20 A wooden sheet is 15m broad. It has to be painted on both sides. Find the cost of painting at Rs 8 per square metre.

#### Assignment -2

Q.1 Change into mixed numbers.

a) 
$$\frac{23}{7}$$
 b)  $\frac{45}{8}$ 

- Q.2 Draw an angle of 90° and 120°.
- Q.3 A dice has an edge of 4cm. Find the volume of the dice.
- Q.4 Sonika went to her father at 10.55AM and told him that she was going to the market and she would be back home in 1 hour 45 minutes. By what time does Sonika need to be at home?
- Q.5 How many months in a year have 30 days?
- Q.6 Out of a container containing 50kg 34 g of ghee, Rohit used 28kg 405 g of ghee. How much ghee is left in the container?
- Q.7 The edge of a cubical box is 6 cm. Half of the box is filled with water. What is the volume of water?
- Q.8 What time was it 3600 seconds before 12 midnight?
- Q.9 Change  $\frac{20}{28}$  into equivalent fraction with numerator 5.
- Q.10 How many angles are there in the given figure?



- Q.11 Find the volume of a brick of length 18cm, breadth 5 cm and height 10 cm.
- Q.12 Find the sum of the folowing 3 hrs 55 min and 32 min.
- Q.13 Find the difference of the following 5 hrs 5 min and 45 min
- Q.14 Find the next 5 equivalent fractions of  $\frac{5}{9}$ .
- Q.15 Sheela studied Maths for 1 hr 40 min and Science for 4 hrs 15 min. How long did she study?
- Q.16 If 4th of February is Sunday, what day is 25th of February?

- Q.17 If you cut 1m 34 cm from a roll of ribbon of length 4 m, how much ribbon is left?
- Q.18 Complete the series. 99, 102, 105, 108, \_\_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_,
- Q.19 Change into Improper fractions

a) 
$$33\frac{1}{2}$$
 b)  $7\frac{4}{8}$ 

Q.20 A basket contains 67 Kg 456 g of fruits out of which 42 Kg 410gms are apples, 12kg 49 gms are pears and the rest are mangoes. Find the weight of mangoes.



#### Term-1

#### انتحا

IV

<u>April</u>	
	Lesson-1 My body
	Lesson-2 Plants
Activities :	
Individual activity:	'Label me' worksheets on digestive system,
	tongue, human body parts of a plant
Group activity:	Visit the school lawn and observe tap root and fibrous root
May	
<u>May</u>	Lesson-3 Flower and Fruits

25

Dwarka

**SCIENCE** 

(SA-2)

#### Activities : Origamy - Make a flower with paper and write Group: a few lines on 'why we should not pluck flo--wers' <u>July</u> Plants Around Us Lesson-4 Activity: Individual: Write names of any 10 plants growing in your neighbourhood and paste their dried leaves in scrap file <u>August</u> Birds-Beaks and Claws. Lesson-5 Activities : Group: Nature walk in school to watch birds and observe their characteristic features September Revision for SA-I Exams

**Formative Assessment -1** Pen n Paper Test - Syllabus L-1 : My Body

Formative	Assessment- 2	2

Pen n Paper Test - Syllabus Lesson-3 Flowers and Fruit

#### Summative Assessment-1

<u>Syllabus:</u>	Lesson-1	My body
	Lesson-2	Plants
	Lesson-3	Flower and Fruits
	Lesson-4	Plants Around Us
	Lesson-5	Birds-Beaks and Claws.

#### Terr

#### Oct

<u>Term-II</u>	
<u>October</u>	Lesson-6 Insects Lesson-7 Food
Activitios :	Lesson-7 Food
<u>Activities :</u> Individual:	Design a balanced diet plan and discuss it in the class
Group:	Role play on various useful and harmful insects
<u>November</u>	
	Lesson-8 Water Scarcity and Conservation of Water Lesson 9 Safe handling and Storage of Water
Activities :	
Individual:	Draw the pictures of containers used for storing water in villages and cities
Group:	Celebrate Water Conservation Day- Make badges and posters and write slogans on water conserva - -tion
<u>December</u>	
	Lesson-10 Water Pollution
Activity:	
Group:	Make a collage depicting various ways in which water gets polluted
lanuari	
January Revision of S	
REVISION OF S	A-II EXdIIIS

#### Formative Assessment -3

Pen n Paper Test - Syllabus Lesson-6 Insects

#### **Formative Assessment -4**

Pen n Paper Test - Syllabus Lesson-8 Water Scarcity and Conservation of Water

27

#### Summative Assessment -2

Syllabus: Lesson-6 Insects Lesson-7 Food

IV

Lesson-8 Water Scarcity and Conservation of Water Lesson- 9 Safe handling and Storage of Water Lesson-10 Water Pollution

#### Assignment-I

1.	Tick the correct option-
	afixes the plant to the soil.
	i. Stem ii. Root iii. Flower iv. Leaf
	b. Which of the following fruits has many seeds?
	i. Mango ii. Grapes iii. Watermelon iv. Peach
	c. Which of the following is an underwater plant?
	i. Hydrilla ii. Lotus iii. Water lily iv. Neem
	dis the largest gland of our body.
	i. Stomach ii. Liver iii. Pancreas iv. Rectum
	e. Which of the following birds sucks nectar from flowers?
	i. Barbet ii. Eagle iii. Sunbird iv. Sparrow
2.	Define-
	a. Pollination
	b. Nectar
	c. Preening
3.	What happens to the food in-
	a. Small intestine
	b. Stomach
4.	Give reasons-
	a. How is a cactus plant able to grow in desert conditions?
	b. What makes water hyacinth float on water?
5.	Write uses of following flowers-
	-

- a. Marigold
- b. Rose
- c. Arnica

- 6. Differentiate between tap root and fibrous root.
- 7. Name and draw
  - a. Edible root
  - b. Winter season fruit
  - c. Useful insect

8. Identify the beak and claw and describe their characteristic features and uses. Also name the bird.



9. Classify the following plants in correct column: Bayyan pepper cactus Spruce water lettuce rubber

Plants of Plants of hills plains	Plants of hot and wet regions	Plants of desert areas	Free floating plants
-------------------------------------	-------------------------------------	------------------------------	----------------------------

10. Why is washing of vegetables and fruits important for us?

#### Assignment-2

- 1. Tick the correct option
  - a. ....is called the blue planet.
  - i. Earth ii. Venus iii. Jupiter iv. Mars
  - b. .....can be constructed to check floods.
  - i. Garden ii. Road iii. hut iv. Dam
  - c. Which insect causes Dengue?
  - ii. Wasp iii. Anopheles mosquito iv. Aedes mosquito i. Flea
  - d. Foodstuffs containing proteins are called......
  - i. Energy giving food ii. Body building food
  - iii. Protective food iv. None of these
  - e. Which of the following diseases is caused by drinking polluted water?
  - i. Typhoid ii. Common cold iii. Diabetes iv. Chicken pox
- 2. Why is it important to change water in a room coolers after 3-4 days?
- 3. Define
  - a. Potable water
  - b. Water conservation
- 4. Explain rain water harvesting. Also draw a diagram of the process.
- 5. Write any 5 ways of conserving water in our daily life.
- 6. Why it is a challenging job for birds to protect their eggs and young ones?

	•	
I	١	I

29

Dwarka

- 7. Explain the following methods of purification of water. a. Filtration
  - b. Chlorination
- 8. Explain any three methods of reducing water pollution.
- 9. Shivam eats only fruits. Which nutrients is he missing by eating only fruits? What is the remedial diet?
- 10. How do mosquitoes spread diseases?
- 11. Write the sources and function of following nutrientsa. Vitamin D
  - b. Iron
  - c. Vitamin A
  - d. Calcium

## SOCIAL SCIENCE

#### Term-I

#### April

	Chapter-1 Fai	mily Relationships	
	Chapter-2 Se	nsitivity Towards Others	
Activities :			
Individual:	joint and nucle	esent a story depicting the ear family along with the r he breakdown of family fi	easons res-
Group:	Dramatisation-Enact a play to become sensitised towards the elderly and the needy		
<u>May</u> Activity:	Chapter-3 Celebrating our Diversity		
Group:	Presentation - 'Favourite Festival'		
<u>July</u> <u>Activities:</u>	Chapter-4 Chapter-5	An Ideal Home Bricks And Bridges	
Group:		<b>Waste -</b> Prepare some use m etc.) from waste produc ium foil etc.	
IV		30	Dwarka

**2. Project** on any one famous personality who has proved that obstacles are stepping stones to success

#### August

Chapter -6	Waste Management
Chapter -7	The Works We Do

#### <u>Activity</u>

Individual: Speak a few lines on your role model.Mention her/ his gualities that impress you the most.

#### **September**

Revision of SA 1-Syllabus

**Formative Assessment-1** 

#### Pen n Paper Test - Syllabus

Chapter 1 Family Relationships

#### Formative Assessment-2

Pen n Paper Test-Syllabus Chapter-2 Sensitivity Towards Others

#### Summative Assessment-1

#### Syllabus:

Chapter-1 Family Relationships Chapter-2 Sensitivity Towards Others Chapter-3 Celebrating Our Diversity Chapter-4 An Ideal Home Chapter-5 Bricks And Bridges Chapter-6 Waste Management Chapter-7 The Works We Do Map work

#### <u>Term-II</u>

<u>October</u>

Chapter 8 Leisure Time Chapter 9 Directions

#### <u>Activity:</u>

Individual: Collage Making - Prepare a collage on famous sport personalities of different sports (cricket, football, hockey etc.)

#### <u>November</u>

Chapter 10 Travel And Tours Chapter 11 Let us Travel

#### Activities:

**Group:** 1. Brochure Making - Design a travel brochure for your city. Collect photographs and map sketches of your area and mention the necessary information regarding the places to visit

2. Map Designing - Design a map of your area and mark the following landmarks as per the directions given. Assume your own house as the reference point.
i. School ii. Hospital iii. Police station iv. Post office

#### <u>December</u>

Chapter 12 Let Us Communicate Chapter 13 India-Our Motherland

#### Activities:

Individual: Role Play - Imagine yourself as any means of communication and speak about its uses, advan tages & disadvantages

Group: Project Work - Make a project on any one state of India.Describe its culture, climate, food, dresses etc.

January Revision of SA 2-Syllabus Formative Assessment-3 Pen n Paper Test - Syllabus Chapter-8 Leisure Time Formative Assessment-4 Pen n Paper Test - Syllabus Chapter - 9 Directions

#### Summative Assessment-2

#### Syllabus:

- Chapter 8-Leisure Time
- Chapter 9-Directions
- Chapter 10-Travel And Tours
- Chapter 11-Let us Travel
- Chapter 12-Let us Communicate
- Chapter 13-India Our Motherland
- Map Work

Note : This list is not comprehensive. More activities will be added throught the session.

#### Assessment-1

- Q.1 Choose the correct option
- 1. \_\_\_\_\_\_is considered as an auspicious time to start new ventures.
- a) Navratri b) Holi
- c) Id-ul-Fitr d) Teej
- b) Generally, there exist\_\_\_\_\_types of families.
- a) One b) Two
- c) Three d) Four
- 3. Which of the following is an outdoor game?
- a) Table tennis b) Chess
- c) River rafting d) Karate
- 4. Who among the following uses books written in Braille?

b)Physically handicapped

- a) Blind
- c) Deaf d) Mentally challenged
- Q.2 State whether the following statements are true or false:-
- 1. Christian weddings take place in Church.
- 2. Deaf and blind people are not useful for the society.
- 3. Parents are the first teacher of a child.
- 4. Lord Shiva is worshipped as the God of Good Beginning.
- Q.3 Fill in the blanks :-
- 1. All forms of work, manual or intellectual, are called\_\_\_\_\_.
- 2. Outdoor activities supply fresh\_\_\_\_\_to our lungs.

33

- 3. \_\_\_\_\_\_is more important than winning.
- Q.4 Match the following Vinayak Chaturthi Hockey Garbage Semi skilled worker National game Modak

- Q.5 Answer the following questions briefly.
- 1. Define a family.
- 2. What is sign language?
- 3. How is Ganesh Chaturthi celebrated in India?
- Q.6 Answer the following questions
- 1. What is the significance of Dusshera?
- 2. Mention any three important features of an Ideal home?
- 3. Briefly explain any two types of bridges.
- Q.7 Do you help your mother in household chores? How?

#### Assignment-2

Multiple Choice Questions Q.1 is the oldest means of communication 1. a) Mobile phones b) Voice Mail c) Postal Service d) Telephone 2. Munnar is in b) Uttar Pradesh a) Bihar c) Kerala d) TamilNadu 2. The hand of a compass always points towards a) North b) East c) South d) West Q.2 Fill in the blanks: 1. Means of communication help to a message 2. India is a country. Kamraj Terminal is in\_\_\_\_\_ 3. Normally people follow when they have to 4. reach a place. State whether the following statements are true or false:-Q.3 1. There are eight intermediatory directions. 2. A map is an exact drawing of a place. 3. SMS stands for Simple Message Services. The Himalayas lie in south of India. 4. Match the following: Q.4 В Α Thar desert Plastic Money Credit Card Rajasthan Houseboat Pilgrimage Tourism Kashmir Golden Temple

IV

Dwarka

Q.5	Answer	the	following	questions	briefly.
-----	--------	-----	-----------	-----------	----------

- 1. In which two ways is a telephone better than a letter?
- 2. How does a travel package make a journey stress free?
- 3. What do symbols represent on a map?
- Q.6 Answer the following questions.
- 1. Mention any three advantages of print media.
- 2. Why are airways better than railways and roadways?
- 3. List any four problems that you can face if you don't know directions.
- Q.7 Locate the following on a political map of India.
- 1. Indian Ocean
- 2. Maharashtra
- 3. Madhya Pradesh
- 4. Rajasthan
- 5. Andaman & Nicobar Islands

#### COMPUTER

### <u>Term -I</u>

#### <u>April</u>

Activity : Chapter-1 Working of Computer System Identify the following devices and categorise them into Input/Output devices.

<u>May</u>

Chapter-2 Generations of Computer

<u>Activity</u>: In a maze, move horizontally, vertically and diago - nally to search the names of different computers. Students can take help from the given clues.

#### <u>July</u>

Chapter-3 Windows

Activity: To change the wallpaper and screen saver of the desktop.

#### <u>August</u>

Chapter-4 MS-Word

Activity : Prepare a birthday invitation card in MS Word.

#### <u>September</u>

Revision of SA-1 : Revision Worksheet related to Chapter-1, 2, 3 and 4.

\* Syllabus for SA-1 (Ch.-1, 2, 3 and 4)

#### <u>Term- II</u>

<u>October</u>	
	Chapter-5 More om MS-Word
Activity:	Prepare a poster on the topic 'Water Conservation' on
	MS-Word and format the same using border, wallpa-
	per, images and text.
November	
	Chapter-6 Open Office-Draw
<u>Activity :</u>	Draw a hut in Open Office.
December	
	Chapter-7 More on Open Office-Draw
	Chapter-8 The Internet
<u>Activity :</u>	1. Make a drawing on 'save earth' and convey some meaningful message.

2. Worksheet related to various developments related to the chapter

#### <u>January</u>

#### Revision for SA-2 :

Revision Worksheet related to Chapters-5, 6, 7 and 8. \* Syllabus for SA-2 (Ch.- 5, 6, 7 and 8)

### **GENERAL KNOWLEDGE**

#### Term I April Language and Literature

Current affairs

#### <u>May</u>

Environment Around Current affairs

#### <u>July</u>

World Around Current affairs

#### August

IV

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

#### September

#### Revision for SA1 Syllabus for SA1 Language and Literature : Page no. 1-4, 6-8, 10-13 **Environment Around :** Page no. 14-22, 24-26 World Around Page no. 27-35, 37-38 Current affairs

#### Term-II

October Art and Culture Current affairs

#### November

Math Magic Current affairs

#### December

Sports and Games Current affairs

Famous person of the week Mathematical Tricks Know the space

#### February

#### **Revision for SA2** Sullabus SA2

Syllabus SAZ	
Art and Culture	Page no. 39-43, 45-46
Math Magic	Page no. 47-51, 56-57
Sports and Games	Page no. 58-52, 64-64
Current affairs	

#### Important notes :

IV

1. The students must paste 15 newspaper headlines in the GK notebook every week.

2. This list is not comprehensive. More activities may be added throughout the session.

37

#### January

## DRAWING

#### April

- 1. SBS Pages- 2, 3, 4, 5, 6, 7 (Pencil shading)
- 2. Object Drawing (Pg 7)
- 3. Spray painting
- Introduction to colours (shading). 4.

#### May

- SBS Pages-8, 9, 10, 11, 12 1.
- 2. Fruit basket
- 3. Flowers in the garden
- \* Activity- letter rack (Butterfly, Duck)

#### July

- 1. SBS Pages-13, 14, 15, 16
- 2. Bird composition
- 3. Animal composition
- \* Activity- Mask

#### August

- 1. SBS Pages - 28, 29, 32, 33
- 2. Landscape
- 3. Seascape
- \* Activity-Leaf puppet

#### September

- 1. SBS Pages - 17, 18, 19 (face study)
- 2. SBS Pgs 30, 31 (letter & number study)
- 3. Name writing with flat colours.

\* Activity-Greeting card with pressed flowers. October

- 1. SBS Pages - 20, 21, 22 (Human figures)
- 2. Vegetable sellter
- 3. Village scene (Pg 23)
- \* Activity-Glass painting (6x4)

#### November

- SBS Pages-24, 25, 34 1.
- 2. Balloon seller
- 3. Ice cream vendor
- \* Activity-Candle decoration

#### December

IV

- 1. SBS Pages-26, 27
- 2. Composition using perspective

\* Activity - Christmas tree & Santa Claus

#### January

- 1. SBS Pages-35, 36, 37
- 2. Geometrical design (rangoli)
- 3. Cartoon composition (Pg 38, 39, 40)
- \* Activity-Cartoon puppets

#### February

Exhibition and completion of previous task.

#### SA I Syllabus

- 1. Fruit basket
- 2. Flowers in the garden
- 3. Bird composition
- 4. Animal composition
- 5. Landscape
- 6. Seascape

#### SA II Syllabus

- 1. Village scene
- 2. Vegetable seller
- 3. Balloon seller
- 4. Ice cream vendor
- 5. Geometrical design (rangoli)
- 6. Cartoon composition