COL SATSANGI'S KIRAN MEMORIAL PUBLIC SCHOOL
Satbari, Chattarpur, New Delhi – 110 074
WINTER HOLIDAY HOME ASSIGNMENT (2019-2020)   CLASS – IV

Instructions: Level – A   : Easy, beginners   Level – A & B   : Learners
Level – A, B & C : Achievers

NOTE: 1. Holiday homework is an attempt to channelize the creative energy of the students. Doing it in the right spirit with enthusiasm will make it a great learning experience.

2. Please do HHA in a SEPARATE SUBJECT WISE note books.

3. Post Mid Term will be held after vacation. It is essential for students to complete HHA (Marks will be given). Revise the work done in the class after Mid Term Exam.

4. Prepare and learn the topics covered after mid term for Periodic Test – 2 (PT-2).

5. School re-opens on 12th Jan, 2020.

ENGLISH

Marks will be given for HHA as per the level mentioned.

LEVEL – A

Q1.   In a four line notebook write two pages in cursive handwriting everyday.

Q2.   Do Lessons 11 and 12 from your Grammar book in your notebook.

Q3.   Write and learn the question answers of Lessons 6, 7 and 8 in notebook (Course book).

Q4.   Write a letter to your class teacher on school address. Write to her about your vacation.

Q5.   Write two stories of your choice (story writing).

LEVEL – B

Q1.   Write ten sentences about how you celebrated New Year.

Q2.   Read and write difficult words of Lessons 8 and 9 from your book.

Q3.   Please read the newspaper daily. Cut out the headlines and make a chart.

Q4.   Learn all the difficult words from Lessons 6, 7, 8, 9 and make sentences using those words. (any 20)

The Elephant and the Bad Baby

Q1.   Write paragraphs on (**any two**)

   Roll No. 1 to 10   (a)   Christmas   (b)   My Aim

   Roll No. 11 to 20   (a)   My Favourite Teacher   (b)   My school

   Roll No. 21 to 32   (a)   Holi – a festival of colours (b)   My Best Friend

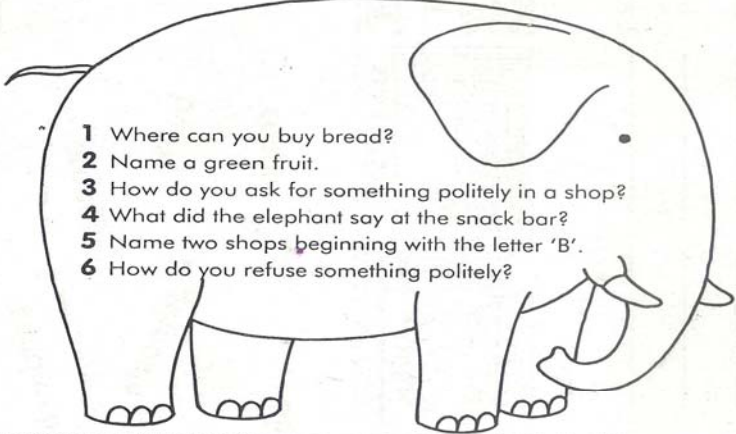Q2.   Write a letter to your friend inviting him/her to your birthday party and make an Invitation card.
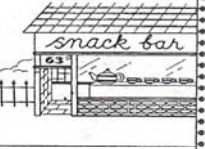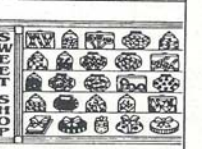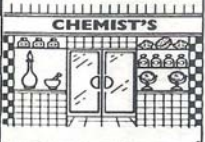
Q3.   Make a beautiful chart of the poem

   Roll No. 1 to 10   "The Naughty Boy".   Roll No. 11 to 20   "Hiawatha"

   Roll No. 21 to 32   "A watering Rhyme"

Q4.   Attempt all of the above.(Level A & B)

The Elephant and the Bad Baby

Shopping game

You take your own shopping bag to the shops. **Have another turn.**

Answer an Elephant question

You forget to turn off the lights. **Miss a turn.**

green grocer's

You help an old lady. **Have another turn.**

You drop a crisp packet on the road. **Miss a turn.**

Answer a Bad Baby question

Answer a Bad Baby question

1 Where can you buy bread?
2 Name a green fruit.
3 How do you ask for something politely in a shop?
4 What did the elephant say at the snack bar?
5 Name two shops beginning with the letter 'B'.
6 How do you refuse something politely?

You leave the television on. **Miss a turn.**

You left a tap dripping. **Miss a turn.**

snack bar

Answer an Elephant question

START HERE

Answer a Bad Baby question

BAKER'S

You buy recycled paper. **Have another turn.**

You forget to put the bottles in the bottle bank. **Miss a turn.**

Answer an Elephant question

1 Where can you buy a bun?
2 Where can you buy a sandwich?
3 What did the elephant say at the grocer's shop?
4 How do you offer something politely?
5 Name two shops beginning with the letter 'G'.
6 How do you accept something politely?

Answer an Elephant question

You do some shopping for your neighbour. **Have another turn.**

You walk to the shops. **Have another turn.**

BUTCHER'S

Answer a Bad Baby question

CHEMIST'S

You open the door for a mother and her baby. **Have another turn.**

SWEET SHOP

Use either 't', 'ch' or 'tch' in following blanks:-

a) _____imney

b) _____ew

c) Ske____

d) Sear____ed

e) Crea___ure

f) Wi____

g) Na___ure

h) Clu___ed

i) Ca____ing

j) Cap___ure

k) Mar___ing

l) Pa_____

m) Mun_____

n) Pi_____er

o) Adven____ure
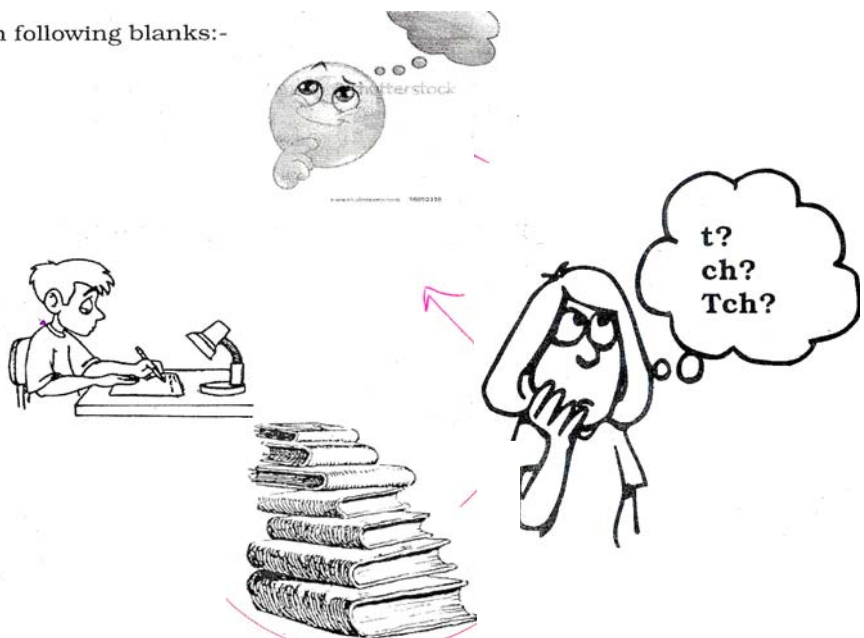
ENVIRONMENTAL STUDIES

LEVEL – A

1. Visit a zoo. Watch the movement of various animals. Do not tease any animal. Be kind to animals but do not feed any animal. Go everywhere with elders. Do NOT go alone to any place.

2. Collect pictures of various animals, birds and environmental conditions. Make use of newspapers, magazines, old books and print outs. (for the pictures)

3. Take care of a plant. Water it regularly. Then do not water it for **2** days. Observe the changes. Write down your observations. Then start watering it regularly once a day. Do not leave it dry. Take complete care of it.

4. Imagine that you had never trimmed your nails and hair. Draw a picture of your fingers and hair (hair for boys specially) to show how you would look – (long and untidy as well). Also, draw a picture of yourself (very neat and tidy, with proper hair cut).

5. Bring the potted plant you took care of in Q3 (above). Let the pot be the smallest pot available.

6. Carry out tie-dye print in a big handkerchief.

LEVEL – B

1. Do Activity I, II.

2. Find out from old people who do not have teeth about the names of food items that they cannot eat.

3. Go to a Gurudwara. Participate in prayers, shramdaan and also in serving langar. Write down your experiences.

4. Prepare a winter care lotion. Ref. Page 91 of your EVS Text Book. Bring it to the class to share it with your friends.

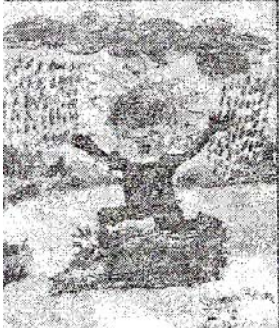5. Do the Project–'Strange creatures of the Sea"

Project

'Strange Creatures of the Sea'

Make a six page booklet on six unusual creatures (sea horse, starfish, octopus, turtle, jellyfish, sting ray) telling us about them.
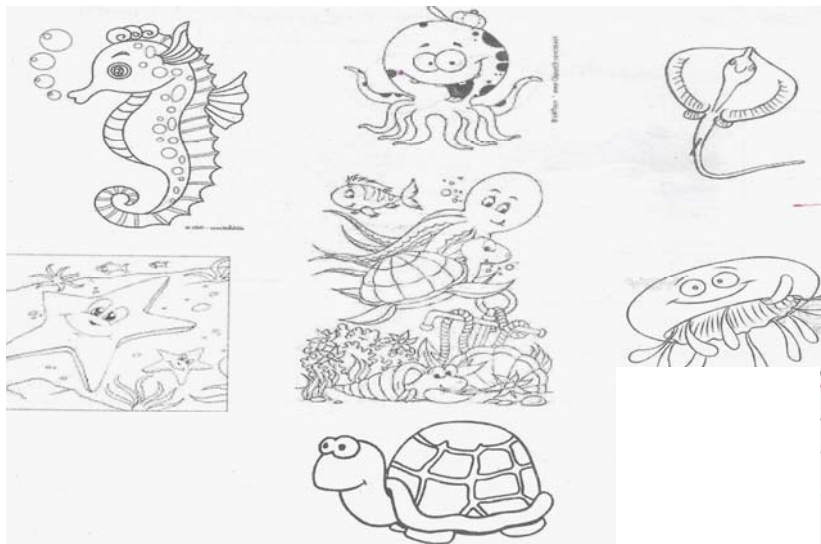
MY DEAR EARTH

My Earth is polluted and cursed,
Smoke is clogging, and no water
to quench my thirst .
I use polythene, and throw my
wrappers here and there,
I have a promise to make and ask
for forgiveness.
Me and my friends will not use
polythene, will not waste paper,
Close the leaking tapes, not waste
electricity, and throw any wrap-
per.

*Ishani Jha,
Class 4 E
Delhi Public School, Noida.*

THE NATURE IS OUR MOTHER

When the sun rise,
Cuckoo speaks,
When the sun rise,
Cock speaks,
When the people talk,
Parrot speaks,
Connection of the creature is the
nature,
The black is red.
The red is blue.
When there is blue,
The moon will rise.
The candle melts.
With fire on head.
When the wind blows.
The trees dance.
When the rain comes.
Peacocks dance.
The crops grow,
The air is fresh.
The rainbow comes,
Seven colours shine.
It's the connection of nature,
It is our mother.
That give us dreams of greenery,
The beautiful planet.
It's the magic of the nature.
The nature is our mother.

*Anah Singh,
Class 4 B Goodley Public School*

ACTIVITY I

• Human Beings are destroying the Earth they live on.
Read the poem 'My Dear Earth' and list six things that you can do to save our planet.

ACTIVITY II

There is great beauty in Nature.
Write a short poem titled –
1) The Beautiful Sunset
2) Rainbow in the Sky
3) Sounds of the Forest.

LEVEL – C

1. How do you feel the taste of spicy and spice-less food items.
2. How can unclean water harm us? Write down.
3. Soak green gram for at least 5 hours. Drain the water. Cover it with a cloth. Keep in a warm place. You will find them sprouted after 1 or 2 days. Sprouted pulses are full of proteins. Enjoy eating them and share with your family members. Write down the whole activity.
4. Collect the pictures of different birds and animals. Collect information about their beaks and teeth, their eating habits, birds nests. Draw or paste them neatly.
5. Use (big in size) pea-nut/walnut/ pista shells. Make models of insects using them. Make use of colours on the shells.
6. Make a model to show the use of pulleys.

GENERAL KNOWLEDGE

LEVEL – A

1. Learn and write for Periodic Test – 2:
   ☞ Sports Gallery   ☞ Logo   ☞ Birds   ☞ Health and Hygiene
   ☞ Plant kingdom   ☞ Solar system ☞ Indian Author
2. New names of some Indian cities. (at least 10)
3. Name states of India and their capitals
4. Name ten famous sports persons
5. Name ten famous places of India.
6. How many Union Territories are there in India? Name these union territories.

LEVEL – B

1. Make a project file and cover the following topics. You may also cover extra topics of your own choice.
   1. Delhi Metro   2. Birds' World   3. States and capitals   4. Health and Hygiene
   5. Plant kingdom 6. Solar System

Hints

1. Draw or paste topic related pictures .2. Take help from the internet

LEVEL – C

1. Make a chart on **any one** of the following topics:

    a) Birds b) Solar System c) Animal world

2. Visit famous places of your city with your parents such as Historical places, religious places (temple, mosque, church etc), museum, zoo and rail museum etc and write five lines on each.

3. Do Activity

ACTIVITY - III

unique inventions

SOON, YOU WILL BE ABLE TO RIDE A FLYING CAR

Department of Defense, the Transition is a four-wheel vehicle, licensed for the road, which transforms into a plane in about 20 seconds and can then fly up to 500 miles. However, the Terraugia Transition doesn't come cheap. "People tend to smirk when you say you're trying to make a flying car," the Age quoted Carl Dietrich, the Transition's inventor, as saying. "But we're very serious about producing a flying car and selling it," he said. Dietrich began developing Transition in 2006 at his company headquarters in Terrafugia, near Woburn, Massachusetts.

London: An American aeronautical company has developed a flying car that can actually fly and is available for buying. Funded by the US ANI

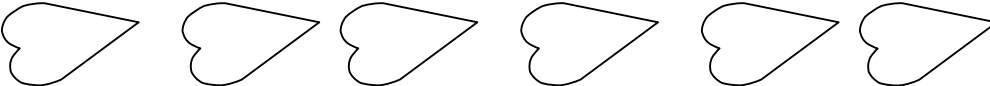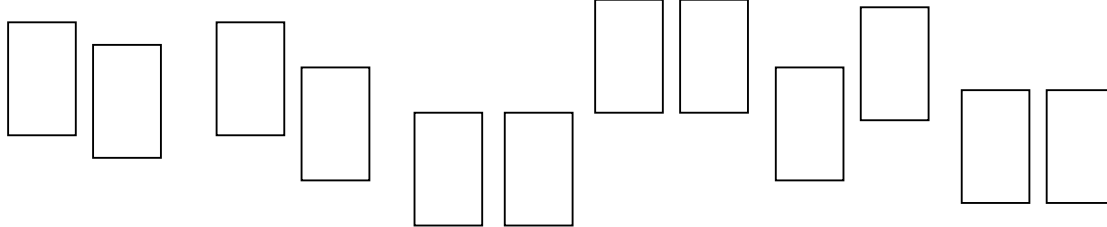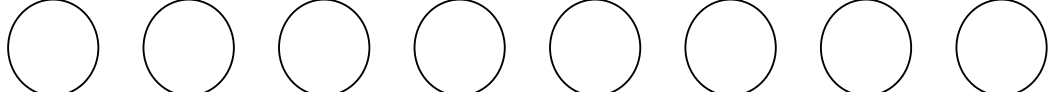Fill in the following details from the news report:-

1. Name of the inventor _____

2. Time taken to fly off road _____

3. Country _____

4. City _____

5. Maximum distance _____

ACTIVITY - IV
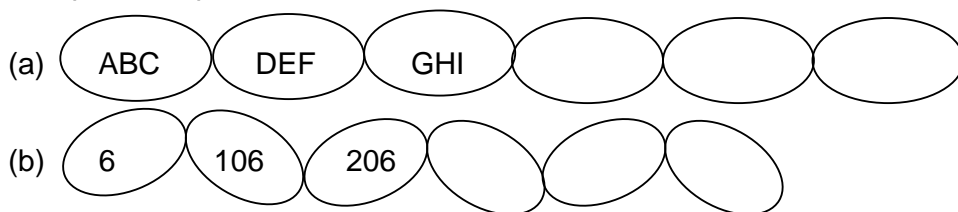
Prayers to end on a sweet note

1. With what festival would you associate the following?

• Snake boat Races

• Lighting of Mysore Palace and decorated elephants

• Kheer and Savaiyayan

• Harvest time in Assam

• Installation and worship of lord Ganesha in many Indian homes

• Santa Claus and exchange of gifts

• Birthday of Guru Nanak

• Lighting of Lamps

2. Find out: The importance of Eid-Ul-Fitr Celebrations?

MATHEMATICS

LEVEL – A

Q1. Learn and write tables from 2 to 20 (5 times)   Do Chapter 08 to 11 in HHA Note Book.

Q2. Draw 5 different patterns of your choice on a chart paper.

Q3. Colour half the number of shapes

(a)

(b)

(c)

(d)

Q4. Complete the pattern:

(a) ABC DEF GHI ⬭ ⬭ ⬭

(b) 6 106 206 ⬭ ⬭ ⬭

(c) 19, 29, 39, …………, …………, …………,

Q5. Write roman numbers 1 to 100 (2 times) and Number names 1 to 100 (2 times)

Q6. Do all sums of chapters 8, 9, 10 and 11.

LEVEL – B

Q1. Find the diameter of a circle whose radius is

(a) 2cm (b) 12.5cm (c) 14cm (d) 7cm (e) 9.25cm

Q2. Find the circumference of a circle whose diameter is

(a) 126 cm (b) 525cm (c) 70m (d) 147cm

Q3. Convert into Grams

(a) 12 Kg (b) 25 Kg (c) 54 Kg (d) 915 Kg (e) 2757 Kg (f) 245Kg

Q4. (i) Draw a circle whose radius is

(a) 2.5cm (b) 5cm (c) 7 cm (d) 8cm (e) 6.5cm

(ii) Find the radius of a circle whose diameter is

(a) 9cm (b) 27cm (c) 39cm (d) 125cm (d) 3 cm

Q5. Match the coloured part

Quarter $\dfrac{3}{4}$

Half $\dfrac{4}{4}$

Three quarters $\dfrac{1}{2}$

Whole $\dfrac{1}{4}$

Do Activity

Birds of a feather don't share a sick bed, finds study

Agence France-Presse

PARIS: House finches avoid sick members of their own species, scientists said on Wednesday in a finding that could be useful for tracking the spread of diseases like bird flu that also affects humans.

Laboratory tests showed that the house finch, a particularly social North American species, was able to tell the difference between sick and healthy fellow birds and tended to avoid those that were unwell.

This was the first time that avoidance of sick individuals, already observed in lobsters and bullfrog tadpoles, has been shown in birds, according to a paper published in the Royal Society journal Biology Letters.

"In addition, we found variation in the immune response of house finches, which means that they vary in their ability to fight off infections," co-author Maxine Zylberberg of the California Academy of Sciences said.

"As it turns out, individuals who have weaker immune responses and therefore are less able to fight off infections, are the ones who most avoid interacting with sick individuals."

This all meant that there were differences between individual birds' susceptibility to disease, the time it would take them to recuperate and their likeliness to pass on the disease.

"These are key factors that help to determine if and when an infectious disease will spread through a group of birds," said
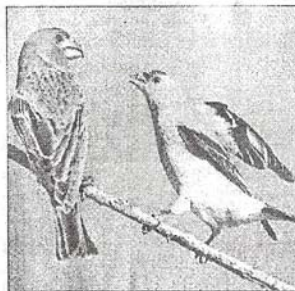
» Researches show that the house finch is able to tell the difference between sick and healthy fellow birds and tend to avoid those that are unwell

Zylberg -- and how quickly. "This becomes particularly important for us in trying to figure out and predict when and how infectious diseases that affect both birds and ourselves ... will spread through wild bird populations and end up in areas where wild birds and humans interact extensively, creating the opportunity for these diseases to cross over from birds to humans."

The H5N1 strain of avian influenza, commonly known as bird flu, spreads from live birds to humans through direct contact.

It causes fever and breathing problems and has claimed 359 human lives in 15 countries, mainly in Asia and Africa, from 2003 to August of this year, according to the World Health Organisation.

ACTIVITY I

Q1. Complete the table:

1) Length of the article _____
2) Breadth of the article_____
3) Shape _____
4) Perimeter _____

1) Length of the picture _____
2) Breadth of the picture _____
3) Shape _____
4) Perimeter _____

Q2. If I have to make a border for the above article and picture by using tape, which will require more meters/cm of tape?

Q3. If the cost of 1m tape is Rs.25, I will spend on buying _____ the tape.

ACTIVITY II

Select any paragraph of your choice in the given article. Draw a border around it using a scale. Find the length of the border.

Do Activity - II

BID TO REDISCOVER INDIAN HANDWRITING ART

Indo-Asian News Service

NEW DELHI in the age of iPads and electronic notebooks, an NGO is promoting the art of writing with the aim of rediscovering the 'great civilisational history' of India involving ancient scripts.

Through its Akshara: Crafting Indian Scripts exhibition starting on September 16 in the Capital, a six-day event will highlight the importance of saaksharta (literacy) throughout the country with the help of craftsmen. It will cover 14 Indian languages in 16 states and 58 craftsmen. "The idea of Akshara began with the knowledge that crafts people are not literate and feel a lack of selfworth when the world around them is going the English way," Jaya Jaitly, president of the Dastkari Haat

Samiti, said. "Also, we have a great civilizational history involving scripts. We have 22 official languages and hundreds of dialects. However, we do not do much to respect and preserve them as an important part of our culture. "Combining these two aspects I thought of exploring letters, scripts and calligraphy through the many skills possessed by our crafts people," she added.

Q1. Read the article carefully and pick out all the numbers and list them.

Q2. What is common in all these numbers?

Q3. List out the multiples of four from these numbers.

Q4. Which of these numbers have 7 as a factor.

Q5. Write the next three numbers you have selected from the article.

Q6. Write all the factors of 22.

LEVEL – C

Q1. Make (1) Magic Triangle

(2) Magic Pattern, different shapes and number tower on Chart paper/ Cardboard.

Q2. Find out the perimeter and area of rectangle whose

(a) length = 6cm breadth = 12cm   (b) length = 8cm breadth = 17cm

(c) length = 25cm breadth = 4 cm   (d) length = 12 cm breadth = 10 cm

(e) length = 5 cm breadth = 18 cm

Q3. Find out perimeter and area of a square whose sides are

(a) 24m   (b) 65cm   (c) 125cm   (d) 100m

Q4. Multiply

(a) 2467   (b) 4563   (c) 7630

x 34   x 29   x 56

Q5. Do sums of chapters 12 and 13.

Q6. **Do Activity III**

ACTIVITY III

Find the perimeter of the given figures:
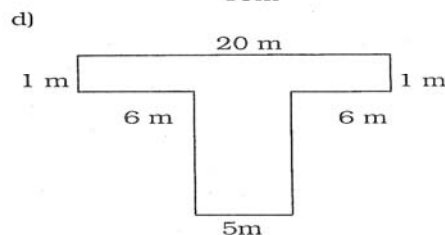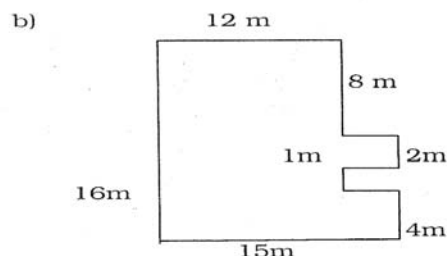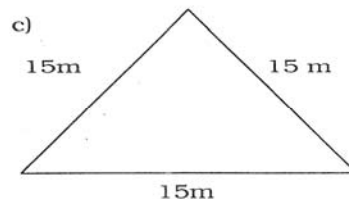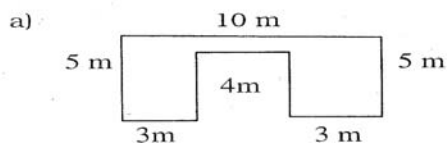
ACTIVITY IV

Find the Perimeter of the given objects:

a) Notebook

b) Pencil box

My research

SUBJECT : HINDI

वर्ग – क   Level - A

1. एक चार्ट पर स्वर एवं व्यंजन लिखें और उन्हें याद भी करें।

2. एक (1) से (100) सौ तक हिन्दी की गिनती लिखें एवं याद भी करें।

3. अपनी पुस्तक से पाँच (पेज़) पृष्ठ सुलेख के लिखें। (प्रतिदिन – हर रोज़)

4. एक चार्ट पर ऐतिहासिक जगहों के चित्र चिपकाएँ एवं उनका नाम भी लिखें।

वर्ग – ख   Level - B

5. सप्ताह और महीनों के नाम एक चार्ट पर लिखें एवं याद भी करें।

6. एक चार्ट पर तिरंगा झंडा बनाएँ और 26 जनवरी पर कुछ पक्तियाँ भी लिखें।

वर्ग – ग   Level - C

7. अपनी पाठ्य पुस्तक से कोई एक कविता उत्तर पुस्तिका में लिखें और उसे याद भी करें।

8. एक चार्ट पर विलोम, लिंग एवं वचन लिखें और उन्हें सुंदर रंगों से चित्रित करें।

9. अभी तक जितना कक्षा में कार्य हुआ है, वह याद करना है।

COL SATSANGI'S KIRAN MEMORIAL PUBLIC SCHOOL
Satbari, Chattarpur, New Delhi – 110 074
WINTER HOLIDAY HOME ASSIGNMENT (2019-2020)   CLASS – V

Instructions: Level – A   : Easy, beginners   Level – A & B   : Learners
Level – A, B & C : Achievers

NOTE: 1. Holiday homework is an attempt to channelize the creative energy of the students. Doing it in the right spirit with enthusiasm will make it a great learning experience.

2. Please do HHA in a SEPARATE SUBJECT WISE note books.

3. Post Mid Term will be held after vacation. It is essential for students to complete HHA (Marks will be given). Revise the work done in the class after Mid Term Exam.

4. Prepare and learn the topics covered after mid term for Periodic Test – 2 (PT-2).

5. School re-opens on 12th Jan, 2020.

ENGLISH

LEVEL–A   1**.**   Revise Chapters 6, 7 & 8. Write and Learn Question/Answers, Difficult words.

2.   Write separate leave applications for family function and illness.

3.   Do two pages of cursive writing daily

4.   Read newspaper daily and find five difficult words each day and write meanings also.

ACTIVITY-I   Q1. Choose a word from the box to fill in the gaps in the sentences:-

Information, news, work, advice, clothing

1. A tee-shirt is a piece of _____

2. An assignment is a piece of _____

3. A suggestion is a piece of _____

4. A fact is a piece of _____

5. An announcement is a piece of _____

Level – B   1.   Read Chapters – 9, 10.

2.   Make beautiful chart on: Nobody's friend, Roll No. 1 to 8

Roll No. 9 – 18 – Classroom Discussion.   Roll No. 19-30 Malu Bhalu

ACTIVITY-II Q. 1 Fill in the correct plural form in the following sentences:-

1. Miss Aarti walked in carrying a pile of _____. (Atlas)

2. The plate dropped and broke into two _____. (Half)

3. Put all the _____ in that drawer (Knife)

4. Singapore has two _____, a day time one and a night time one. (Zoo)

5. One of the _____ was injured in the race. (Jockey)

Level–C 1.   Make two sentences each by using finite and non-finite verb.

2.   Write five sentences each on use of Present Tense, Present Perfect, Present Perfect continuous Tense, Present Continuous tense.

3.   Read any **English story book** and write a summary in 50-60 words (in your own words) or about your favourite character from the book.
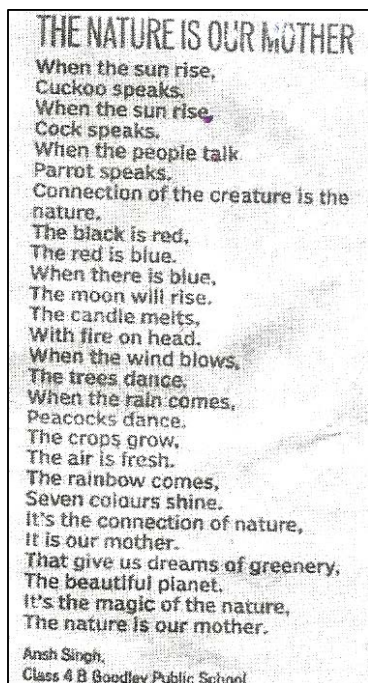
4.   Do Activity III (Q1, 2, 3) see next page.

For All (compulsory):

1.   Prepare a beautiful chart on
   (i)   Parts of speech (Nouns, Pronouns, Adverbs, Adjective etc).
   (ii)   Any poem (from your book)   (iii)   Classroom manners

PROJECT

- Write a few lines on - My Most Inspiring Indian Sports Personality
- Write a few lines on 'Advantages and disadvantages of online games'.

ACTIVITY-III

THE NATURE IS OUR MOTHER

When the sun rise,
Cuckoo speaks.
When the sun rise,
Cock speaks.
When the people talk
Parrot speaks.
Connection of the creature is the
nature.
The black is red,
The red is blue.
When there is blue,
The moon will rise.
The candle melts,
With fire on head.
When the wind blows,
The trees dance.
When the rain comes,
Peacocks dance.
The crops grow,
The air is fresh.
The rainbow comes,
Seven colours shine.
It's the connection of nature,
It is our mother.
That give us dreams of greenery,
The beautiful planet.
It's the magic of the nature,
The nature is our mother.

Ansh Singh,
Class 4 B Goodley Public School

Read **the** poem carefully and answer the following questions based on it:-

THE NATURE IS OUR MOTHER"

Q1. Name the birds which speak when the sun rises?

Q2. Describe the connection of Nature in rainy season with **the help** of any two examples given in the poem?

Q3. Write three forms of following verbs

- Dream _____ , _____
- Rise _____ , _____
- Melt _____ , _____
- Speak _____ , _____
- Give _____ , _____
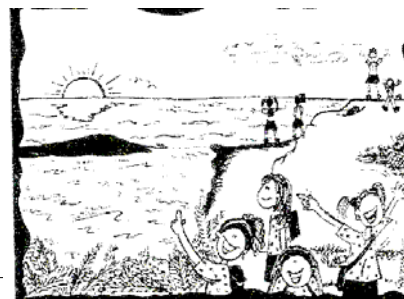
MATHEMATICS

Level – A

Q1.   Learn and write tables from 2 to 20 (5 times) and number names 1 to 200 (2 times)

Q2.   Write each of the following in words:
   (a)   7.2   (b)   120.04 (c)   6.007 (d)   58.111 (e)   264.7

Q3.   Learn and draw place value chart (decimal, Indian and International).

Q4.   Express the following in Place Value Chart.
   (a)   676.152   (b)   7693.27   (c)   1235.12   (d)   103.84 (e) 29.40

Q5.   Find the perimeter and area of rectangles whose sides are:
   (a)   l = 12cm, b = 12cm   (b)   l = 8cm, b = 8cm
   (c)   l = 6cm, b = 14cm   (d)   l = 1.2cm, b = 2.1cm

Q6.   Do extra sums of Chapter 9.
   Find LCM, HCF, Mixed form, improper fraction and proper fraction.

Q7.   Do chapter 10 to 13 in HHA Note book.

ACTIVITY – I

Name two different objects/places whose areas could be measured in:

a)   Square mm   –   ……………… ……………….
b)   Square km   –   ……………… ……………….
c)   Square meter –   ……………… ……………….

Level – B

Q1.   Find the perimeter of squares whose sides are:
   (a)   12cm   (b)   16cm (c)   4.5cm (d)   2.7cm

Q2.   Sums of chapter 10, Topics are: (a) At the market   (b) Sports day
   (c) Money from different countries (d) Which city is cool?   (e) Write in meters.

Q3. Match the following:

Re. ½	5 Paise	Rupee 0.75
Re.1/10	25 Paise	Rupee 0.50
Re. 5/100	99 paise	Rupee 0.05
Re. ¾	50 Paise	Rupee 0.10
Re. 99/100	75 Paise	Rupee 0.25
Re. ¼	10 Paise	Rupee 0.99

Q4. Find the area of squares whose sides are:

(a) 4cm   (b) 1.2cm   (c) 16cm   (d) 2.4cm

Q5. Convert each of the following as decimals

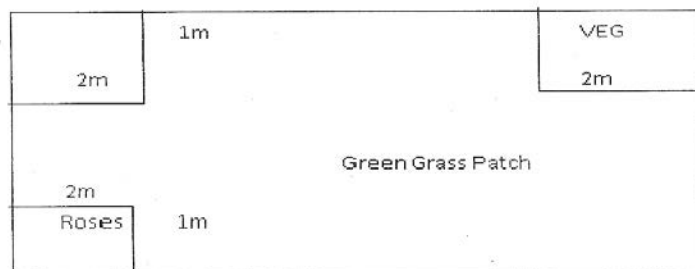(a) $60 + \dfrac{4}{10} + \dfrac{6}{100}$

(b) $36 + \dfrac{1}{10} + \dfrac{8}{100} + \dfrac{9}{1000}$ (c) $43 + \dfrac{8}{10} + \dfrac{4}{100}$

Q6. Convert decimals into fraction

(a) 7.12 (b) 9.3 (c) 9.78 (d) 239.6 (e) 78.9

ACTIVITY – II

Neha grew some vegetables and flowers in her garden given below. Find out the area of the patch of green grass in the garden.

Area of the green grass patch of the garden is _____

bigstory

Poor sanitation kills 1,600 kids daily in India

Indo-Asian News Service

MUMBAI: More than 1,600 children under the age of five die daily in India due to diarrhoea caused by lack of sanitation, a report revealed on Friday.

'Squatting Rights', a research by philanthropic foundation Dasra, said that every year, 30% of marginalised women who travel long distances to access public facilities were physically and sexually assaulted.

"In Delhi slums, upto 70% of girls experience humiliation every day in terms of verbal harassment and half of them have been victims of grave physical assaults," said the report.

"Lack of sanitation is detrimental not only to women's health and their dignity but also to their education, with one in four girls dropping out of schools as there are no facilities that they can safely access," the report added.

With around seven million people migrating to urban India every year, owing to the lack of proper sanitation, over 50 million men, women and children are forced
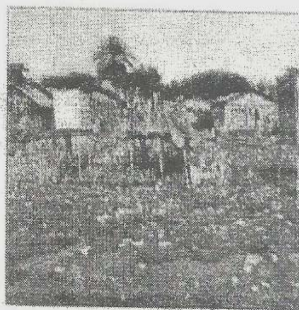
According to a report, over 50 million men, women and children are forced to defecate in the open across India due to the lack of proper sanitation facilities

to defecate in the open. The poor bear the worst consequences of inadequate sanitation in the form of ailing children, uneducated girls and unproductive people, in turn costing India 6.4% of its GDP, said the report.

The slums also face an acute shortage of water. While most localities in Indian cities receive three to five hours of water each day, certain communities receive as little as 30 minutes of water per week.

Meanwhile, Union Minister for Drinking Water and Sanitation Jairam Ramesh said it was the objective of the Union government to make India an open defecation free country in ten years. "It is our objective to make the country open defecation free in the next 10 years. This is a very important issue which needs to be made a national as well as a political issue," said Ramesh. He was speaking at the pre-launch of Nirmal Bharat Yatra, which is a 55-day campaign for spreading awareness about sanitisation and cleanliness in five states. Starting from Wardha in Maharashtra on October 3, the Yatra will travel to Indore, Kota, Gwalior and Gorakhpur, before concluding in Bettiah, Bihar.

"For the next five years, the ministry has earmarked 1.07 lakh crore for drinking water and sanitation," Ramesh added.

ACTIVITY - III

a) Read the article and write down the two decimal numbers given.

b) Express the decimal numbers as fractions.

c) Write the number names of the two decimal numbers.

d) Change the two unlike decimals to like decimals.   ,

e) What is the place value of the following digits:-

(a) 1   (b) 7
(c) 6   (d) 4

Level – C

Q1. Draw 2 bar charts (page 165) from NCERT book. Write questions as well as answers.

Q2. Find the quotient and remainder in each of the following:

    (a)   21594 ÷ 21   (b)   38095 ÷ 17   (c) 92508 ÷ 16   (d) 41359 ÷ 12

Q3. Find the product:

    (a)   2578 x 27   (b)   218 x 33   (c)   148 x 763   (d)   920 x 19

Q4. Do sums of chapters - 11, 12 and 13.

CAFFEINE HELPS RECOGNISE POSITIVE WORDS

Asian News International

WASHINGTON: Caffeine, which perks up most coffee-lovers, also increases the speed and accuracy for recognising words with positive connotation, researchers say. The research shows that caffeine enhances the neutral processing of positive words but not those with neutral or negative associations.

Previous research has shown that caffeine increases activity in the central nervous system, and normal doses of caffeine improve performance on simple cognitive tasks and behavioural responses.

It is also known that certain memories are enhanced when strong positive or negative emotions are associated with objects, but the link between caffeine consumption and these emotional biases was unknown.

This study demonstrates, for the first time, that consuming 200 mg of caffeine, equivalent to 2-3 cups of coffee, 30 minutes before a task can improve the implicit recognition of positive words, but has no effect on the processing of emotionally neutral or negative words.

A study shows that caffeine increases the speed and accuracy for recognising words with positive connotations

The authors of the study suggest that this effect is driven by caffeine's strong dopaminergic effects in the language-dominant regions of the brain. The study has been published in the journal PLOS ONE.

ACTIVITY - IV

Observe the picture, read the article and answer the following questions.

a) Measure the length and breadth of the picture with the cup of coffee. Find the area of the picture.

b) Express the above area in square meters.

c) How many such pictures can you paste on a piece of paper 20 cm long and 10 cm wide?

d) Calculate the cost of printing the picture if cm^2 costs Rs.200.

ACTIVITY – V
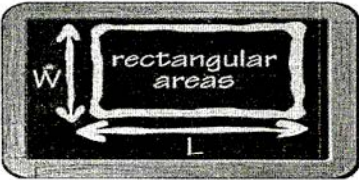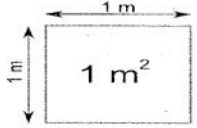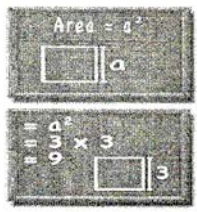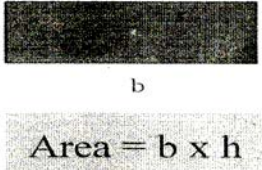
Solve the following problems:

a) 25 carpets each of length 3.5 m and breadth 2.5 m can cover the floor of a room completely. Find the area of the floor of the room.

b) How many stamps each measuring 3 cm x 2 cm can completely cover a page 12 cm long and 5 cm wide?

The area of a wall is 22.5 m^2. If its length is 2.5 m, find its breadth.

ACTIVITY - VI Create a problem using the following words:

Area, Walls, Room, Dimension, Bed, Ceiling, Painting, Length, Breadth, and Floor cost.

rectangular areas

Area = a^2

Area = b x h

1 m^2

ENVIRONMENTAL STUDIES

LEVEL - A

1. Observe and draw different types of nests of birds.

2. Make a list of 5 animals that give birth to young ones.

3. How can we help people affected by any sort of natural calamity?

4. Collect pictures of different groups of animals and paste them in your scrap book. Write the name and group of each animal below the picture.

5. Write the advantages and disadvantages of at least 5 means of communication and 5 means of transport.

LEVEL – B

1. Collect information and pictures of traditional dresses of different states of India. Make a project using the information.

2. Make a First Aid box which can be used in an emergency.

3. Collect pictures of your favourite means of transport and communication. Paste them in a separate scrap book and write their details. How are these means of communication helpful to us?

4. Make models of the following (at least Working Models)

    (i)   One means of communication.   (ii)   One means of transport.

ACTIVITY - I

life and universe

Ladakh UFO sightings fox authorities

Sanjib Kr Baruah, Hindustan Times
New Delhi, November 06, 2012

email print

40 Comments Tweet share more

A spate of sightings of Unidentified Flying Objects (UFO) near the Pangong Tso lake in the Ladakh area on the Indo-China border has the authorities foxed. More than 100 sightings—comprising moving luminous objects--have been reported from the area in the last two months. The Army and the Indo-Tibetan Border Police have studied the phenomena but have come out with no viable explanation yet.

The Prime Minister's Office (PMO), which had been apprised of the happenings, responded with a crisp "No movement here" comment when asked if any fresh developments have taken place on the puzzling occurrences.

"We have already submitted a report to the Union home ministry on these strange happenings comprising strange moving lights. Till now no explanations have come forth," said an ITBP official.

While confirming the developments, Army spokesperson Major General SL Narasimhan said they are being looked into at the appropriate levels.

There are also reports that in September, an army radar unit was moved to the location which could not detect these luminous objects inspite of them being in visual range. An Army drone also failed in its mission to check up on the objects.

While the Bangalore-based Indian Institute of Astrophysics, which has field stations in the area near the lake, has said nothing unusual has been detected, its' staff has been alerted to keep a keen watch.

While the establishment is looking at it from the standpoint of security and technology, the Pangong Tso lake is no stranger to such incidents with locals even in the past reporting 'strange and mysterious lights'
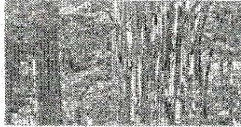
What are the full forms of:-

1. NASA ....

2. ISRO...............

3. HAL.................

4. ISS..................

5. UFO.................

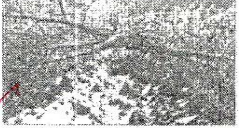Find out five more abbreviated forms relating to the study of the earth /astronomy.

1 TREE OF LIFE
The ancient mesquite tree, better known as the 'Tree Of Life', located 2 km from Jebel Dukhan in Bahrain is 400 years old and 32 metres in height. The tree is in the heart of the Bahrain desert, on top of a 25-foot-high sandy hill and has survived without any known source of water.
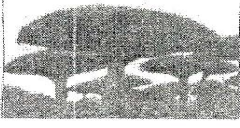
2 RAINBOW EUCALYPTUS
The rainbow eucalyptus is a huge evergreen tree that can reach a height of 246 feet. The tree has a geographic distribution that extends from the Indonesian archipelago to the Philippines. Striking bright colours on its branches and trunk make this tree a special one.

3 SILK FLOSS
The Silk Floss tree can be found in the tropical and subtropical forests of South America. This tree can be 81 feet tall. Its trunk and branches are studded with sharp conical prickles which help it to conserve water. Its large solitary pink flowers is the chief source of vegetable silk – samohu. That's how the tree gets its name.

4 METHUSELAH
Methuselah is the oldest living non-clonal organism on Earth. The 4,843-year-old tree is found in California's White Mountains, but its exact location has been undisclosed to prevent acts of vandalism. The pine grows very slowly and the needles as well as leaves can remain green for over 40 years.

5 DRAGON'S BLOOD TREE
The rare Dragon's Blood Tree is also known as the Socotra Dragon Tree in Yemen. It is arguably the most famous plant of the Yemeni island of Socotra. The tree resembles an umbrella and the name originates from its tendency to ooze a red sap or resin.

TOPTENZ.NET

ACTIVITY - II

Group activ

Read the write-up on the trees. Then prepare similar ones on four top significant and useful trees, commonly found in India:-

1. The Banyan   —   R. No. 1 – 7
2. The Neem   —   R. No. 8 – 14
3. The Eucalyptus   —   R. No. 15 – 21
4. The Tamarind   —   R. No. 22 – 2?

Each group has to work on one tree and research on the internet.

ACTIVITY - III

1. What does Botany include the study of?
2. How is the age of a tree assessed?
3. Chlorophyll gives the green colour to leaves. What do colourful leaves have that gives them those colours?

ACTIVITY – IV

» Artistes performing on boats during the Shikara Festival at Dal Lake in Srinagar on Tuesday   PTI PHOTO

2 MILD TREMORS HIT HIMACHAL PRADESH

SHIMLA: Two earthquakes of light intensity measuring around 4.5 and 4.9 on the Richter scale hit Himachal Pradesh on Tuesday within a gap of less than five hours, triggering panic among the people. "Tremors measuring 4.5 on the Richter scale were felt at 9.15 am. Another quake, which was of 4.9 magnitude, was recorded at 2.05 am," sources said on Tuesday. IANS

ATTACK ON BRAR WORRIES TOP COPS

CHANDIGARH: The brutal knife attack on Operation Bluestar commander Lt Gen (Retd) Kuldip Singh Brar in central London on Sunday night has heightened the security agencies' anxieties about foreign-based terror groups making a renewed bid to destabilise Punjab. Brar, who commanded Operation Bluestar to flush out militants from the Golden Temple 28 years ago. PTI

SPEED POST RATES GO UP FROM OCT 1

JALANDHAR: The postal department has increased the rates of speed posts services that took effect on October 1, 2012. Now a local speed post weighing upto 50 grams within municipal limits of articles has gone up from ₹12 to ₹15, inclusive of service tax, while for the reach of upto 200kms would cost for ₹35 instead of ₹25, exclusive of tax levies, sources said. HTC

Read about earthquake and give a briefing to the class for three minutes.

OR

Google search about "Earthquake

Level – C

1. Collect newspaper clippings and photographs about some natural calamities. Make a project file. Find out the causes of each calamity and write a few lines about it.

2. Make a list of all the things to be kept in mind in order to avoid accidents. Write them on a chart paper and display it in your class.

3. Make a chart and list the Safety Rules to be followed:

    (a) at home (b) in the class room (c) in the play ground (d) on the road

5. Draw a picture of Khedi village and a picture of Jatrya's dream village. Discuss the differences between them. Also look at the pictures your friends have drawn.

GENERAL KNOWLEDGE

Level – A   Learn and write for Periodic Test - 2

1.	Indian Scientists	4.	First in India	6.	Science Mix Bag
2.	Indian freedom fighters	7.	Amazing Mammals	5.	Mind boggler
3.	Famous Residence(s)	8. Lakes	9. Continents	10.	Sports Role Models
				11.	Conserve us.

Level – B   Make a project file and cover the following topics

1.	Indian Scientists	4.	Freedom fighters	7.	Conserve us
2.	Lakes	5.	Robotics		
3.	Indian railways	6	Snake gallery		

Level – C   Make a chart on **<u>any one</u>** of the following topics

1.	Indian railways	3.	Endangered animals
2.	Snakes	4.	Indian freedom fighters

Visit famous places of your city such as historical places, religious places, museum, zoo and rail museum etc and write ten lines on the same in the file and revise for P.T.-2.

SUBJECT : HINDI

<u>वर्ग – क</u> Level - A

1.   एक चार्ट पर स्वर एवं व्यंजन लिखें और याद करें व उनके Flash Cards बनायें।

2.   अपनी पुस्तक से दस पृष्ठ (पेज़) सुलेख के लिखें।

3.   ऐतिहासिक जगहों के चित्र चिपकाते हुए उनका नाम भी लिखें। (चार्ट पर)

<u>वर्ग – ख</u> Level - B

5.   तिरंगा झंडा बनाते हुए 26 जनवरी पर कुछ पक्तियाँ भी लिखें।   (चार्ट पर)

6.   अपनी पाठ्य पुस्तक से कोई एक कविता लिखते हुए उसे सुन्दर रंगों से चित्रित करें एवं याद भी करें।

<u>वर्ग – ग</u> Level - C

7.   विलोम, लिंग एवं वचन लिखें। उनको चित्रों की सहायता से चार्ट पर दिखाएँ जैसे

वचन   –   एक ◯   अनेक ◯◯◯

लिंग   –   लड़का   लड़की

विलोम –   हँसना   रोना

8.   निम्न विषयों पर निबंध लिखें एवं उसे चित्रों से सुसज्जित करें। (चार्ट पर / कापी में)

Roll No. 1 – 10   क्रिसमस   Roll No.11-20   मेरी प्रिय पुस्तक   Roll No.21-30 मेरा विद्यालय
              मेरा परिवार   पुस्कालय   मेरा प्रिय त्यौहार

COL SATSANGI'S KIRAN MEMORIAL PUBLIC SCHOOL

Satbari, Chattarpur, New Delhi – 110 074

WINTER HOLIDAY HOME ASSIGNMENT (2019-2020)   CLASS – VI

Instructions: Level – A   : Easy, beginners   Level – A & B : Learners
Level – A, B & C : Achievers

NOTE: 1. Holiday homework is an attempt to channelize the creative energy of the students. Doing it in the right spirit with enthusiasm will make it a great learning experience.

2. Please do HHA in a SEPARATE SUBJECT WISE note books.

3. Post Mid Term will be held after vacation. It is essential for students to complete HHA (Marks will be given). Revise the work done in the class after Mid Term Exam.

4. Prepare and learn the topics covered after mid term for Periodic Test – 2 (PT-2).

5. School re-opens on 12th Jan, 2020.

ENGLISH

LEVEL – A

I.   Revise chapters 6, 7 & 8 of NCERT text book (learn and write the question-answers in a separate notebook.

II.   Write the degrees of comparison for the following verbs:

1. good	2. old	3. tall	4. fast	5. beautiful
6. heavy	7. intelligent	8. big 9. small		10. thin

III.   Make two sentences each by using different prepositions (at least 10) in, on, under, in front of, above, behind, by, towards, beside, between.

IV.   Read newspaper daily and write down five new words **daily** in a separate notebook with their meanings. Use them in sentences of your own.

LEVEL – B

I.   Read Chapter 9 of NCERT.

II.   Write a paragraph on "Annual School Fete" or "Annual Sports Day"

III.   Write any humorous story and paste some pictures.

IV.   Watch BBC or any other English news daily to improve your language. Note words in your note book and find meanings.

Pay attention and practice pronunciation.

LEVEL – C

I.   Read Chapter 10 of NCERT and learn the word meanings.

II.   Write a report on "New Year", "Christmas" and "Lohri/Pongal/Makar Sankranti".

COMPULSORY FOR ALL LEVELS

- Make a chart on 'wonders of sleep' (with pictures)
- Make a chart of advantages and disadvanges of internet.
- Practise two pages of neat handwriting daily.
- Read the stories 6–10 from your NCERT supplementary reader.

ACTIVITIES

1. Break phrasal verbs: -

There are seven common phrasal verbs that include the verb 'break'.

1.   Break away - to leave something.

2.   Break down - to become very upset.

3.   Break into - to enter a building by force.

4.   Break off - to break a piece from something.

5.   Break out of - to escape from somewhere.

6.   Break through - to pass through a barrier.

7.   Break up - to finish a romantic relationship with someone.

a)   Did you hear about the man that ……………………the bank last week? Luckily, the police caught him.

b)   I think it's terrible that prisoners are still able to………………………prison. The public should be better protected.

c)   I think Emily needs to……………………….from that group of friends. They are a negative influence on her.

d)   I think she had a really terrible week and on Friday she just ………. It was so sad.

e)   I think my brother is thinking about ………… with his girlfriend. It's a shame, I really like her.

f)   Will youplease ……………………. a big piece of chocolate for me?

g)   The crowd……………………. the barrier that was in front of the band.

Enid Blyton's Famous Five set for TV comeback

Enid Blyton's Famous Five books are being developed into a drama series by renowned independent producer Kindle Entertainment

ACTIVITY I

1. Based on your listening to the news feature, complete the following statements by choosing the correct options.

   1. The term 'comeback' implies that the series is ………………..
   a) a new one based on an old novel
   b) a repeat telecast of an old series
   c) a new presentation of an old series
   d) a review of a new serial

   2. The children in the Famous Five series are different from children nowadays as they ………………
   a) are lazy and inactive
   b) do not play rough games
   c) are rough and rude
   d) are active and adventurous
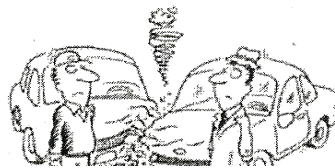
Read a story book of your choice and write a brief summary about your favourite character from the story.

MATHEMATICS

Level – A

•   Do 10-10 sums based on factors & multiples.

•   Learn and write multiplication tables from 2 to 20 (2 times)

•   Solve 10 sums based on + (addition) and - (subtraction).

•   Solve 10 sums based on LCM, HCF and Prime Factorisation method, Fractions & Decimals.

•   Solve 10 sums from NCERT Book, Chapter – 08

•   Do Chapter 8 to 10 in HHA notebook.

Level – B

•   Solve 10 sums from NCERT Book, Chapter - 09

•   NCERT Book Exercise 9.2 & Exercise 9.3   • NCERT Book Ex. 10.2 - Q1, Q2.

•   Solve 10 sums based on Multiplication and Division of more than 4 digits.

Level – C

- Ex. 10.1 Q17, Ex 10.3 Q10 & Q11.
- Solve 10 sums Chapter – 11, NCERT Book.
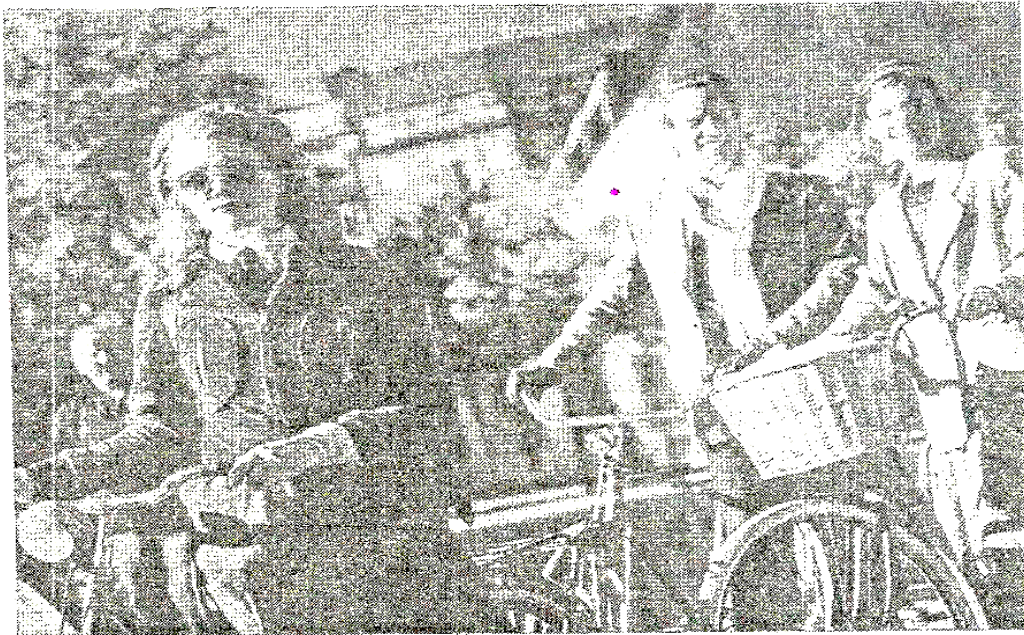
Prepare Charts - (<u>any one</u>)

- 2D and 3D shapes   • Mensuration formula chart   • Conversion table chart.

Project Work

(a)   2D and 3D shapes Chart paper/ Card board.

(b)   Chapter – 13 Symmetry – Project file

(Revise Chapters – 8, 9, 10 & 11 for Periodic Test – 2)

ACTIVITIES

Every picture tells a story

PICTURE: Participants at the Bike in Tweed race on Saturday in Stockholm, Sweden

STORY: The Bike in Tweed is an annual event in which cyclists are expected to dress in traditional British cycling attire. Any bicycle is acceptable on the Tweed Run, but classic vintage bicycles are encouraged.
AFP PHOTO

ACTIVITY – I   Angles

1)   Observe the picture and using a sketch pen, mark all the angles that you can see in the picture.

2)   Classify the angles as acute, obtuse, right or reflex.

3)   List ten places around you, where you can see angles.

ACTIVITY - II

Angles in a CLOCK!!!

1)   Name the types of angles made by the hands of the clock at the following times:-

   a)   6 O'clock   b.)   3 O'clock   c)   Quarter to 12

   d)   25 minutes past 1   e)   Half past 2   f)   40 minutes past 6

2)   The minute hand of the clock turns $360°$ in one hour. Find the angle covered by the minute hand in travelling:-

   a)   1 minute   b)   15 minutes   c)   30 minutes   d)   45 minutes

3)   The time shown on a clock is 10 minutes past 3. What will the time be if the minute hand travels through:-

   a) $90°$ b) $125°$ c) $270°$

ACTIVITY - III

a)   Rajeev stood facing East direction. He turned 90° walked a few steps and then again turned by $180°$. The direction he is facing now is ………………

b) How many 'Capital letters' in the English alphabet have obtuse angles?

c) I am an angle which is complimentary to 72°. My measure is_____. My supplement would be_____.

d) Two angles form a linear pair, if one of them is 66°; the other one would be_____.

e) Two sports activities which require knowledge of angle precision are _____and _____.

ACTIVITY - IV

ANGLES, IN NATURE!!!!

1) Go to a nearby garden and observe the plants. See how the leaves and flowers are attached to the branch/stem of the plant. Try to estimate the angle between the two.

2) Now observe the veins in the leaves of the same plant. Estimate the angles formed between the midrib and lateral veins. Do you observe any relationship between your observation in (1.) and (2.)? Draw and confirm your answer.

3) Find out names of trees whose leaves are attached at obtuse angles to the branches.

SCIENCE

LEVEL - A

1. Make a saturated solution of salt or sugar. Note down all the steps that you followed. You can use this solution to add in your juice, tea or coffee.

2. Hello student, here is a chance for you to become an expert in maintaining a Herbarium. Collect leaves and flowers of various types. Place them under mattress or a heavy pile of newspapers or books. You can take them out after 10 days or so when they are dry. Paste and label them in a scrap notebook or file. Your herbarium is ready.

3. Take leaf impressions. These can also be pasted in your herbarium. Keep a leaf with the underside of it, upwards underneath a white paper. Rub a crayon over it. You will get an impression of the leaves with clear lines of the veins. Paste them in your file.

4. Obtain pictures of animals and plants. Make a habitat album. Paste them under different habitat sections in the album.

5. Write a few slogans **of your own** on the topics 'SAVE WATER', 'SAVE OIL' and

   'CLEAN SURROUNDINGS'.

6. Collect garbage from the kitchen - old bottles, tins, plastic waste, newspapers. Dump them in soil and find out after some days which are biodegradable and which non–biodegradable.

7. Hang a clean handkerchief on a clothes line outside your house. Observe it after a few days to understand the effect of pollution. Note down your observation.

LEVEL – B

1. Prepare a balanced diet chart for your family members. Insist that they should follow it strictly.

2. Restrict your body movements, like by tying a scale on your arm or on your knee for a few hours to create a disabled body movement. Feel how much it can affect your everyday activities. Register your thoughts.

3. Visit a zoological park and find out what special arrangements are made for the animals that have been brought there from different habitats. Make a report of zoological parks in India.

4. Observe various types of movements around you. Make a list of these motions and the objects involved in the motions.

5. Place a chair out in the sun. Observe its shadow throughout the day from early morning 6am till 6pm in the evening. Take note in every one hour. You can also observe a pole or a tall tree. Record your observations.

LEVEL – C

1. Identify various strands of fibre as silk, wool, cotton and synthetic materials. Burn them one by one and find out their reaction to fire. **You must do it under the care of elders.**

2. Collect a large number of materials. Categorize them into various groups as to their transparency, solubility in water, property related to electricity – as conductor or insulator, magnetic or non–magnetic. You can play memory game also.

3. Visit a nearby dairy. Report about the processes used to separate cream and milk.

4. List 3 activities in which you can save water. For each activity describe how you would do it.

5. Observe the leaves of trees, shrubs or bushes planted by the roadside. Note whether their leaves have some dust or soot deposited over them. Take similar observations with the leaves of the plants in your garden or in the school. Is there any difference in deposition of soot on leaves at both locations. Note down your thoughts and interpretations.

6. Create original stories/ play on any topic of your choice.

7. Collect information about 2 scientists of your choice. Make a report.

PREPARE CHARTS

LEVEL – A

1. Take a large outline map of India. Make a list of food items (pictures) generally consumed by people of different regions of India. Paste them over the relevant regions.

2. Tap root

Level – B 1. Open circuit and closed circuit   2. Circulatory system

LEVEL – C 1. Parts of a flower   2. Small animals in burrows

MODELS

Level – A 1. Make a simple 'firki'

2. Bring at least one potted plant to the class. You can bring the smallest available pot.

Level – B 1. Fibrous root   2. A very simple closed electric circuit using a small series bulb.

Level – C 1. Pin hole camera 2. Periscope

Note: Maintain a separate file (don't do HHA in note books). This record file has to be submitted as you join the class after the winter vacation. Take the help of elders wherever needed. Your file and models **carry marks**. So do your work **sincerely**.

Reference: Your text book/ internet

ACTIVITY I

Answer the following:-

1. What do you understand by evergreen trees?

2. What is most strange about the Methuselah tree?

3. Which tree is the source of vegetable silk and how?

4. Which is the tallest tree written about and what is its most unusual feature?

ACTIVITY II

How do trees in harsh hot desert conditions survive such extreme climatic conditions? Like the amazing Tree of life, find other such examples from other natural habitat

PROJECT

Make a power point presentation on:

Treeless terrain of the tundra and its unique vegetation zones earth.

SOCIAL SCIENCE

Level – A

1.   Make a project file of Social Science including Map work from Geography and History. Do **maximum 20 pages** of file.

2.   Write paragraphs on Ashoka, our country India and Gautam Buddha. Also paste pictures.

3.   Collect photographs of statue of Unity and write about it.

Level – B

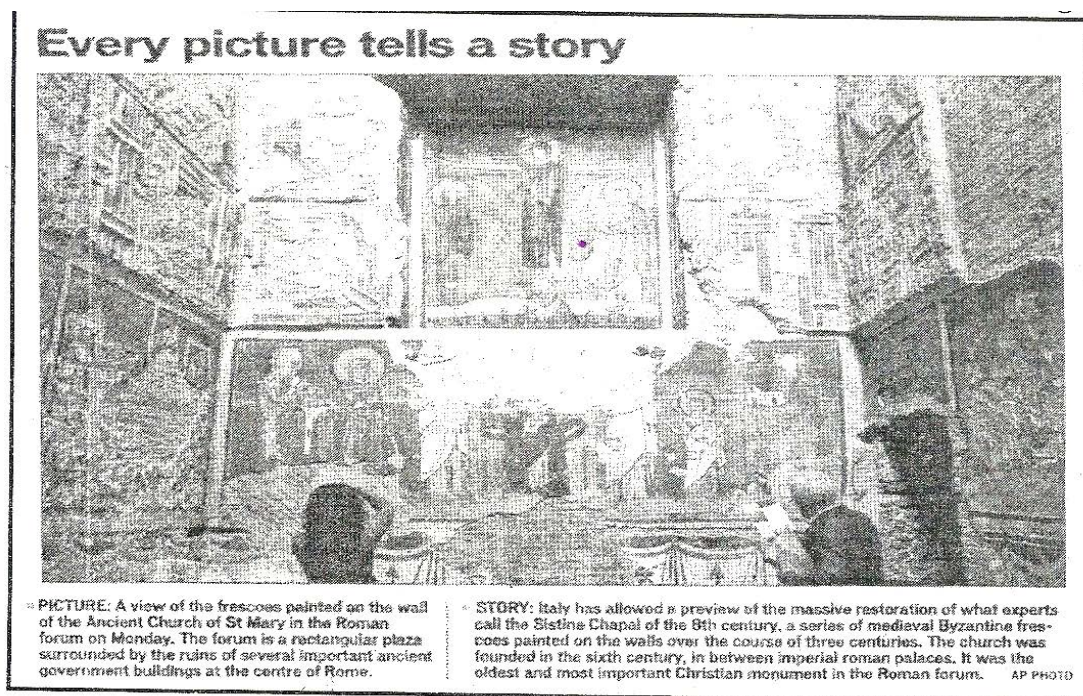1.   Read, write and learn by heart syllabus for Periodic Test – 2.

    Geography - Chapters 5 & 6 (NCERT Book)

    Civics – Chapters 5 & 6 (NCERT Book)

Level – C

    History – Chapter – 7 New Questions and ideas Chapter – 8 Ashoka (NCERT Book)

    Visit zoo or any bird sanctuary near your home and watch migratory birds. Write your observations (5 – 10 lines)

Every picture tells a story

PICTURE: A view of the frescoes painted on the wall of the Ancient Church of St Mary in the Roman forum on Monday. The forum is a rectangular plaza surrounded by the ruins of several important ancient government buildings at the centre of Rome.

STORY: Italy has allowed a preview of the massive restoration of what experts call the Sistine Chapel of the 8th century, a series of medieval Byzantine frescoes painted on the walls over the course of three centuries. The church was founded in the sixth century, in between imperial roman palaces. It was the oldest and most important Christian monument in the Roman forum.   AP PHOTO

ACTIVITY I

Find and paste pictures of religious heritage sites in India.

ACTIVITY II

Find out about the art of stained glass used in churches.

Project

Write an article in 200 words for the school magazine

on the topic:-

'History through churches/Temples

Ladakh UFO sightings fox authorities

Sanjib Kr Baruah, Hindustan Times
New Delhi, November 06, 2012

Email to Author   First Published:
Last Updated:

email print   40 Comments Tweet share more.

A spate of sightings of Unidentified Flying Objects (UFO) near the Pangong Tso lake in the Ladakh area on the Indo-China border has the authorities foxed. More than 100 sightings—comprising moving luminous objects—have been reported from the area in the last two months. The Army and the Indo-Tibetan Border Police have studied the phenomena but have come out with no viable explanation yet.

The Prime Minister's Office (PMO), which had been apprised of the happenings, responded with a crisp "No movement here" comment when asked if any fresh developments have taken place on the puzzling occurrences.

"We have already submitted a report to the Union home ministry on these strange happenings comprising strange moving lights. Till now, no explanations have come forth," said an ITBP official.

While confirming the developments, Army spokesperson Major General SL Narasimnan said they are being looked into at the appropriate levels.

There are also reports that in September, an army radar unit was moved to the location which could not detect these luminous objects inspite of them being in visual range. An Army drone also failed in its mission to check up on the objects.

While the Bangalore-based Indian Institute of Astrophysics, which has field stations in the area near the lake, has said nothing unusual has been detected, its staff has been alerted to keep a keen watch.

While the establishment is looking at it from the standpoint of security and technology, the Pangong Tso lake is no stranger to such incidents with locals even in the past reporting 'strange and mysterious' lights.

ACTIVITY I

- Ladakh is located on the highest plateau of the Kashmir region most of it is over-9800ft
- It is one of the most thinly populated regions in the world. The Siaccen glacier in the eastern Karakoram Range of the Himalayas is 70 km long on the indo Pakistan border.
- It is the longest glacier in a non- polar region.
- Find out 8 more unusual facts about The Geography of ladakh to write an interestingly informative article for your school magazine.

SUBJECT : SANSKRIT

1. 1 से 50 तक गिनती (संस्कृत में) ।   2. 10 पशुओं के नाम लिखें (संस्कृत में) ।

3. 10 पक्षियों के नाम लिखें ।   4. 10 सुलेख लिखें । (संस्कृत में) - 5 पृष्ठ

5. पाठ 1 – 2 के शब्दार्थ लिखें

6. पृष्ठ 4, 12, 19 से चित्रों को बनाकर संस्कृत अर्थ के साथ लिखकर एक चार्ट बनाएं।

7. निम्नलिखित शब्दार्थ लिखें – बालक, पुष्प

8. धातुरूप लिखें – पठ्, गम् (लट्, लृट् लकार में)

विषय : हिन्दी

वर्ग–क

1. बाल राम की कथा को पुनः पढ़िए।

2. निम्नलिखित में से किसी एक विषय पर सुंदर चार्ट बनाइए।

   (क) किसी एक कविता का चार्ट   या (ख) किसी एक कहानी को लिखकर उसका चार्ट।

   26 जनवरी का एक सुंदर सा चार्ट   या   26 जनवरी का एक कोलाज चार्ट पर बनाइए।

3. तिरंगा झंडा बनाइए।

4. किसी <u>एक</u> विषय पर निबंध लिखें।

   (क) परिश्रम का महत्व   (ख) वृक्ष हमारे मित्र हैं   (ग) पुस्तकालय के लाभ

वर्ग–ख

5 हिन्दी परियोजना कार्य

   भाषा, संज्ञा, सर्वनाम, विशेषण, लिपि, व्याकरण की परिभाषाएँ उदाहरण सहित लिखिए।

   (क) कोई दस पर्यायवाची लिखिए।

   (ख) दस–दस विलोम, लिंग एवं वचन लिखिए।

   (ग) **कोई दस** मुहावरे, वाक्य निर्माण सहित लिखिए। चित्र भी चिपकाएँ।

वर्ग–ग

6. निम्नलिखित में से <u>**कोई दो**</u> पत्र लिखिए।

   (क) छात्रावास से अपने पिता से पैसे मँगवाते हुए पत्र लिखिए।

   (ख) चाचा जी को जन्मदिन के उपहार के लिए धन्यवाद देते हुए पत्र लिखिए।

   (ग) मित्र को कक्षा में प्रथम आने की बधाई देते हुए पत्र लिखिए।

7. **एक अपठित** गद्यांश एवं पद्यांश पर आधारित प्रश्नोत्तर लिखिए।

COL SATSANGI'S KIRAN MEMORIAL PUBLIC SCHOOL
Satbari, Chattarpur, New Delhi – 110 074
WINTER HOLIDAY HOME ASSIGNMENT (2019-2020)   CLASS –VII

Instructions: Level – A   : Easy, beginners   Level – A & B   : Learners
Level – A, B & C : Achievers

NOTE: 1. Holiday homework is an attempt to channelize the creative energy of the students. Doing it in the right spirit with enthusiasm will make it a great learning experience.

2. Please do HHA in a SEPARATE SUBJECT WISE note books.

3. Post Mid Term will be held after vacation. It is essential for students to complete HHA (Marks will be given). Revise the work done in the class after Mid Term Exam.

4. Prepare and learn the topics covered after mid term for Periodic Test – 2 (PT-2).

5. School re-opens on 12th Jan, 2020.

ENGLISH

LEVEL –A

I.   Revise Chapters 6, 7 & 8 (write and learn answers of questions in a separate notebook)

II.   Learn the difficult words (10 each from chapters 6, 7 & 8) with their meanings.

III.   Write a report of your friend's/relative's visit to your home.

IV.   Write and learn the forms of verbs.

1.	sit	2.	eat	3.	sing	4.	break	5.	hit
6.	go	7.	run	8.	awake	9.	come	10.	write
11.	hit	12	drink	13.	bring	14.	care	15.	steal
16.	sleep	17.	keep	18.	show	19.	hope	20.	buy

LEVEL – B

1.   Read chapters 9 and 10 of NCERT "The Story of Cricket" and "A Bicycle in Good Repair".

2.   Make ten sentences by using different modals and underline the modals used.

3.   Write a speech on the topic "Are tuitions essential to perform better?"

4.   Learn the poems "Garden Snake" and "Trees".

5.   Write the following sentences in present continuous and present perfect, past indefinite, past continuous, past perfect, simple future, future continuous.

(i) The children play with ball   (ii) My sister cries a lot before sleeping.

6.   Make ten sentences in Active Voice and then change those sentences into Passive voice.

ACTIVITY - I

'EGYPTIANS MADE FIRST ARTIFICIAL BODY PARTS'

Press Trust of India

LONDON: Egyptians were the first to make the world's first prosthetic body parts between 950 to 710 BC from wood and leather, a new study suggests.
According to research from the University of Manchester, the ancient Egyptians had prosthetic toes — and they still hold up today. Two ancient replica toes — one found on the foot of a mummy — suggested that the Egyptians were had prosthetic body parts, The Daily Mail reported.
DETAILED STORY ON PG3
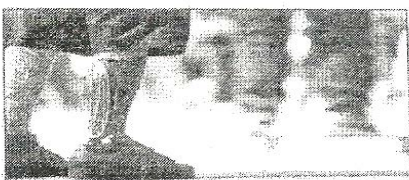
= A new study suggests that Egyptians used wood and leather to make the first prosthetic body parts

Based on your reading of the article, complete the following summary of the news item by filling up the blanks with one word.

Research (a)...................by the University of Manchester shows world's prosthetic body parts were (b) .... Egyptians. These prosthetic (c) ....were made (d) ....950 to 710 B.C. from (e) .... and (f).................... These replica toes (g)...................people who had lost   their toes walk (h) ....That the toes were not just (i)..... aids is evident from the visible signs of (j) ....'........and (k) ......and the fact that they were (l) ....buried with the bodies.

ACTIVITY – II

space and beyond

ASTEROID DUST CAN ACT AS SUNSCREEN FOR EARTH

London: Researchers at the University of Strathclyde have suggested an interesting idea to combat global warming — blasting the surface of asteroids to create giant clouds of dust which would act as sunscreen for the planet. They believe a suitably sized asteroid could be moved into a position close to earth before a giant cloud of dust is blasted off its surface. An asteroid creates a gravitational pull, so the dust is held in position rather than being gradually dispersed across space. The idea is the latest in a series of ambitious projects, known as geo-engineering, which aim to alter the climate of the planet by reflecting, diverting or absorbing solar radiation. "The dust cloud is not a permanent cure, but it could offset the effects of climate change for a given time to allow slow-acting measures like carbon capture to take effect," the Daily Mail quoted Russell Bewick, one of the research team at the University, as saying. ANI

In the passage given below, some words are missing. Choose the correct word from the given options to complete the passage meaningfully. Check your answers with the newspaper item.

Researchers at the University of Strathclyde (a)................... an interesting idea to combat global warming - (b)...................the surface of asteroids to create giant clouds of dust which would act as sunscreen for the planet. They (c)................... a suitably sized asteroid could (d) ....into a position close to earth before a giant cloud of dust is blasted off its surface. An asteroid creates a gravitational pull, so the, dust (e)...................in position rather than being gradually dispersed across space. The idea is the latest in a series f ambitious projects, (f)...................as geo-engineering, which aim to alter the climate of the planet by reflecting, diverting or absorbing solar radiation."

(a) (i) suggest   (ii) have suggested   (iii) suggesting   (iv) suggests

(b) (i) blasted   (ii} has blasted   (iii) will blast   (iv) blasting

(c) (i) believe   (ii) believes   (iii) are believing   (iv) has believed

(d) (i) be moved   (ii) move   (iii) moving   (iv) are moved

(e) (i) held   (ii) holds   (iii) is held   (iv) hold

(f) (i) known   (ii) is known   (iii) are known   (iv) knows

LEVEL – C

1. Make ten sentences by using different prepositions and underline the prepositions used.
2. Compose/create your own poem and write it in the separate HHA note book.
3. Read any good novel (story book) and write a review of it. You may also write about your favourite character.

For All LEVELS compulsory. (Do any two)

1. Make a chart on TENSES (all 3 tenses)   Roll No. 01 to 08 - Trees
2. Make a chart of a poem from the book.   Roll No. 09 to 16 – Dad, the Cat and The tree
3. Make a chart with cuttings from newspapers   Roll No. 17 to 23 – Meadow Surprises
    (Parts of Speech - separately).   Roll No. 24 to 32 – Garden Snake
4. Read chapters 6 and 7 of the supplementary reader.

Practice for all levels – A, B & C

1.   Do two pages of neat handwriting daily. (You could write a story as handwriting practiced.
2.   Do unseen passages in BBC – pages 11 to 15 (in the book)
3.   Read newspaper daily and write down select headlines.

MATHEMATICS

Level – A

- Learn and write multiplication tables from 2 to 20
- Solve 10 sums each based on LCM and HCF and fractions.
- Solve 5 sums using each formula

    (a)   area of ||gm = b x h   (e)   Area of rectangle = l x b

    (b)   Area of Δ = ½ x b x h   (f)   Area of square = side x side

    (c)   Perimeter of rectangle = 2 x (l +b)   (g)   Circumference of a circle = $2\pi r$

    (d)   Perimeter of square = 4 x side   (h)   Area of circle = πr^2

- Do Exercise 12.1, Questions 3, 5, 6 and Exercise 12.2 - Q2 and Q3.

Level – B

- Solve 10 sums based on multiplication and division (more than 5 digits)
- Construct Δ DEF such that DE=6cm, DF = 4cm and m$\angle$ EDF = 90°
- Construct Δ ABC with BC = 6.5cm, AC = 5.5cm and m $\angle$C = 30°.
- Construct an isosceles right angled triangle ABC, where m$\angle$ACB = 90° and AC = 6.5cm
- Exercise 11.2 Q5 to Q8;   Exercise 11.3 Q10, Q12 and Q13
- Exercise 11.4 Q1 to Q5;   Exercise 12.2 Q4 to Q6;

Ref: *'Talent in full bloom'*, (HT Student edition, Nov.05, Pg. 06)
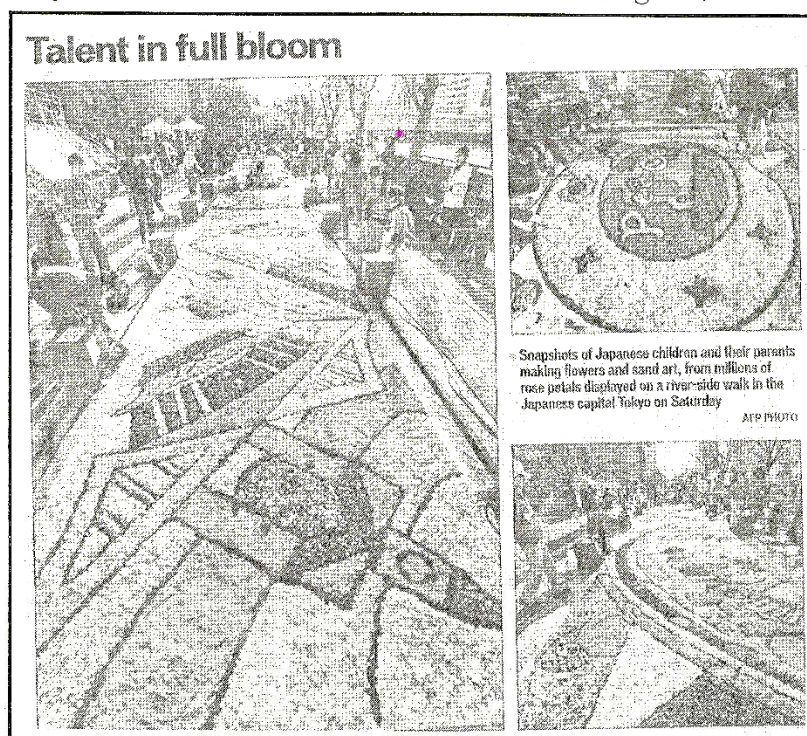
ACTIVITY I

1. Identify & name the different Triangles that you can see in the news clipping.
2. Highlight all the triangles that you see in the news clipping and name them.
3. Fill in the given table:
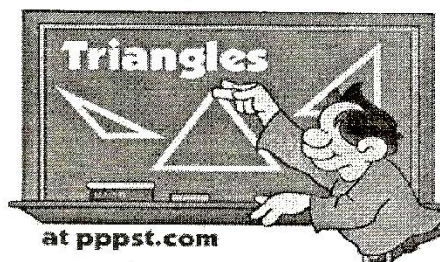
Name of the triangle	Type of triangle	Sum of the three angles
1.		
2.		
3.		
4.		

ACTIVITY II
1. Read the caption along with the picture. Underline all the capital letters that you see.
2. Which capital alphabet has a triangle in it?

ACTIVITY III
Observe the figure and answer the given questions:
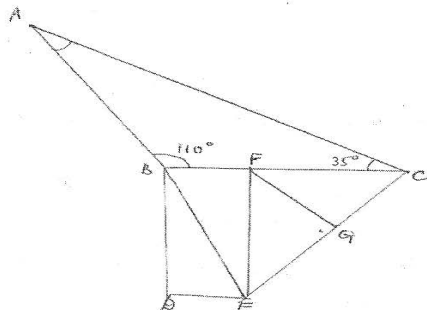
(a) Number of triangles _____

(b) Triangle ABC is _____

(c) Angle EFG + angle FGE + angle

GEF=_____ degrees.

(d) _____ is an obtuse angled triangle.

(e) Angle BDE measures _____.Triangle

BDE is an _____ angle triangle.

(f) Angle BAC measures _____ degrees.

ACTIVITY IV
Is it possible to draw the following triangles? Give reasons for your answers:

(a) Angle 45⁰,60⁰,75⁰

(b) Sides 7cm,4cm,3cm

ACTIVITY V
Be an artist!! Cut out triangles of different types with different colored paper and stick them on a chart paper to make a creative design.

ACTIVITY VI
Make a list of at least ten objects that are triangular shape in your surroundings.

ACTIVITY II
Refer to the picture of a member of the band of horses and the picture on its right side. Cut out the two pictures. Measure their sides and angles and place these one on top of the other.

Q1. Do these pictures overlap?

Q2. What do you observe about these pictures?

Q3. If the pictures overlap what property do they hold?

Project

Cut out five triangles from your newspaper and find out which of them are congruent and why?
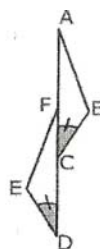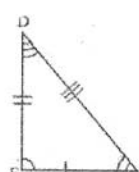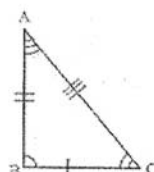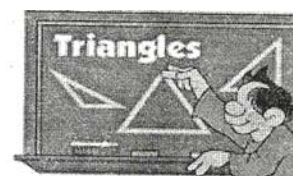
Level – C

- Exercise 11.4 Q6 & Q7
- Do solved examples of Chapters – 9, 10, 11 & 12.
- State and prove Angle Sum Property of a Δ is 180°.

Prepare Charts

- Mensuration formula chart   • Exponents and powers • Data handling
- Formula chart based on comparing quantities.
- Write definitions – Median, altitude, properties of integers, Pythagoras property.

Project

- Project file on 5 Indian Mathematicians.
- Project file on Chapter – 14 Symmetry and Chapter – 15 Visualising solid shapes.
- Prepare Hollow shapes of cylinder, cone, cube, cuboids.(for Maths Lab)
  Revise chapters – 8, 9, 11 & 12

SCIENCE

Note: Record the observations and interpretations of all your activities. Maintain a file. This record has to be submitted as it carries marks. Take the help of elders wherever necessary.

Level – A

1. Make a beautiful chart showing the sections of human heart – page 124.
2. Visit Qutub Minar and collect information about the Iron Pillar that stands and has not rusted for ages.(Activity related fig. 6.7 text book page 67)
3. Collect interesting information related to Science from newspapers / magazines/ internet/ discovery (science), Animal planet.
4. Write the names of big and small plants found in your neighbourhood.
5. Collect articles and newspaper cuttings showing weather reports for fifteen days.

LEVEL – B

1. Prepare New Year Greeting cards for your parents/ teachers/ friends. Reference – Page 52 of your Text book.
2. Investigate different kinds of soil. Write down your observations.
3. Understand concave and convex surfaces using a spoon. Reference Page 179 of your text book.
4. Go to a dentist and observe how he examines the patients. Write your observations. Also mention types of teeth.
5. Collect articles and photographs about Natural Disasters and write down in what ways can you be helpful in such situations.

ACTIVITY

Based on your reading of the article, answer the following:-

1. Draw symbols to represent ell, battery, switch, connecting wire, bulb, in a circuit?
2. Two cells are shown in the figure why is it important to check their positive and negative terminals before connecting them.
3. Can we connect a nine volt cell and a 1.5 V cell to make a battery? If yes show a diagram for suitable connections. What will be the voltage provided by the combination?

STUDENTS SHOWCASE THEIR PASSION AT ROBOTIC OLYMPIAD

MIND OVER MOTOR

The theme of 'Robot connecting people' inspired several new models by students

Harsha Bhatnagar

4. What is meant by heating and magnetic effects of current?
5. What is the importance of fuse in a circuit? How does it make the appliance safe?
6. In a robotic circuit do we need a battery? Why is switch very important in a circuit?
7. Why should the wire making an electromagnet have a coating of insulating material?
8. How can we increase the strength of an electromagnet, when we have only two cells to make the battery?
9. Your friend is placing three bulbs in a circuit; he wants two to glow together and the third whenever he wants it to glow. Make a circuit and help him set up the desired circuit.
10. Can we design a lock that will close whenever current passes in a circuit and opens if the current is switched off?

    (Hint: Think of an electromagnet. Would such a lock be safe?)

PROJECT

Students may make any game or useful circuit for sharing with the class. They may work in groups and develop circuits of torches, staircase lights, garden lights, a quiz game, matching game circuits. It is very easy to make electromagnets; they will need about two meters of copper wire (from any neighbourhood electrical shop), a long nail and a cello tape. Students can be advised to wind tightly 20-40 turns of wire on the iron nail, and connect the ends to a 1.5 V battery. The nail becomes an electromagnet and remains so till the current passes in the coil. They can try to pick small iron objects such as board pins, common pins using their electromagnet.

Find out if the switch is not attached, does it violate the retirements of a circuit?


Cyclone Nilam hits Indian coast

ACTIVITY
Based on your reading of the article, answer tl/e following:-
ACROSS
1. An instrument to measure wind speed
4. Sandy is a_____
7. Cyclones usually strike its coast
9. Warm air is lighter than_____air
11. President Obama cancelled his campaign to this state due to sand
DOWN
2. A dark tunnel shaped cloud that reaches from sky to the ground
3. Moving air is called………..
5. Nilam is a………… caused by change in wind speed, wind direction and temperature and humidity
6. Difference in temperature between locations causes difference in
8. In summer winds flow from ………………to ,,,,,,,,,,the land as the temperature of land creates low pressure
10. The word monsoon is derived from this Arabic word
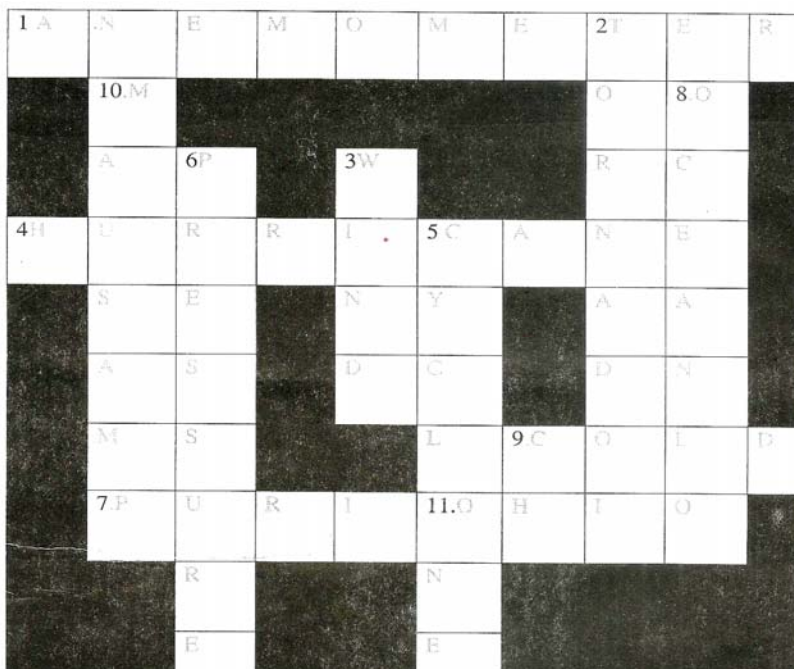
Level – C

1.	Visit a doctor or dietician and find out
	(a)	Under what conditions does a patient need to be on a drip of glucose?
	(b)	How does glucose help the patient to recover?
	(c)	Why are vitamins necessary in the diet?
	(d)	Which fruits or vegetables should be eaten regularly?
	(e)	Visit a zoo. Collect information on Zoological parks, Wildlife sanctuaries and National parks in India. Make a report.
	(f)	Make a list of physical and chemical changes which you come across. Also mention the changes which are harmful or useful.

Example

Change	Nature	Useful/Harmful
1. Milk into curd	Chemical	Useful

2.	Create original stories/ play on any topics of concern like environment, scientific temper, humanitarian grounds.

3.	Prepare a PowerPoint presentation on any topic of your choice (in science)

		Models	*Text Book*
Level – A	1.	Make a Sundial	Ref. Page 158
	2.	Set up a pendulum	Ref. Page 146
	3.	Newton's disc or any working model of your choice	Ref. Page 187
Level – B	1.	Crown shapes in trees	Ref. Page 209
	2.	A closed circuit and an open circuit	Page 163
Level – C	1.	Make a stethoscope	Ref. Page 125
	2.	Make an anemometer	Ref. Page 93
	3.	Working model of lungs.	

SOCIAL SCIENCE

There are three levels of work (A, B and C)

Level – A

1.	Make a beautiful project file of Social Science. It should include the topics of Geography, GK, History, Civics and current affairs. You can take help from internet also. (Maximum 20 pages)

2.	Read newspaper daily and note down daily temperatures (Minimum and Maximum) in the file.

Level – B

3.	Read, write and learn for Periodic Test - II

	Geography–Chapter 6– Natural vegetation and Wildlife, Chapter–7 Human Environment Interaction.

	Chapter – 8 The Tropical and the Subtropical Region.

	Civics – Chapter – 6 Understanding of Media & Chapter -7 : Understanding Advertising

4.	History:	Chapter – 6 Towns, Traders and crafts persons.

		Chapter – 7 Tribes, Nomads and settled communities

5.	Make five very short questions/MCQs from two chapters of each S.St. book i.e. History, Civics, Geography.

Level – C

1.	Visit an old age centre or a blind school and write about your experience with pictures (to be done in a project file).

2.	Make a beautiful collage chart of your social science subject.

Part – A   1.   1 से 50 तक गिनती (संस्कृत में)।   2.   10 पशुओं के नाम लिखें। (संस्कृत में)

3.   10 पक्षियों के नाम लिखें (संस्कृत में)।   4.   रामः का शब्द रूप लिखें।

Part – B   1.   पाठ 12 ''सदाचार पाठ–6'' के संस्कृत के श्लोकों का हिन्दी में अनुवाद लिखें।

2.   पठ् गम्, लिख् का लृट लकार लिखें।

3.   पाठ 3 तथा 5 के शब्दार्थ लिखें और याद करें।

Part – C   पाठ–1 से एक एवं पाठ – 6 से एक (कुल दो श्लोकों का एक चार्ट बनाए) संस्तृक श्लोक एवं हिन्दी अर्थ के साथ (एक ही चार्ट पेपर बनाना है)

विषय : हिन्दी

वर्ग–क

1.   महाभारत की कथा को पुनः पढ़िए।

2.   निम्नलिखित में से **किसी एक विषय पर** सुंदर चार्ट बनाइए।

(क)   किसी एक कविता का चार्ट या किसी एक कहानी का चार्ट या

(ख)   विषेषण की परिभाषा लिखकर उदाहरण लिखें और चार्ट बनाएं।   या

(ग)   26 जनवरी का एक सुदर सा चार्ट बनाएँ।

3.   हिन्दी परियोजना कार्य

(क)   कोई 10 मुहावरे अर्थ सहित लिखे और वाक्य भी बनाएँ।

(ख)   काल की परिभाषा और भेद, उदाहरण सहित लिखें।

(ग)   कोई दस विलोम, लिंग, वचन, अनेक शब्दों के लिए एक शब्द लिखिए।

वर्ग–ख

4.   हिन्दी परियोजना कार्य कोई भी अपठित गद्यांश एवं पद्यांश लिखिए और उन पर आधारित प्रश्नोत्तर लिखिए। निम्नलिखित में से **किसी एक विषय** पर निबंध लिखिए।

1. महात्मा गांधी   2.   समाचार पत्रों का महत्व   3.   विज्ञान वरदान है।

5.   अशुद्ध शब्दों का शुद्धिकरण (कोई दस शब्द लिखें एवं याद करें)

जैसेः   अशुद्ध शब्द   शुद्ध शब्द

आर्शीवाद   आशीर्वाद

परिक्षा   परीक्षा

6.   श्रुतिसम भिन्नार्थक शब्द अर्थ सहित लिखिए (**कोई भी दस**) पाठ्यपुस्तक से मदद ले सकते हैं। याद भी करें।

वर्ग – ग

1.   पाठ 11, 12, 13, 14,15, 16, 17, 18 तक पढें और समझें।

2.   स्वरचित **एक कविता** और **एक कहानी** लिखिए।

WINTER HOLIDAY HOME ASSIGNMENT (2019-2020)   CLASS –VIII

Instructions: Level – A   : Easy, beginners   Level – A & B   : Learners
Level – A, B & C : Achievers

NOTE: 1. Holiday homework is an attempt to channelize the creative energy of the students. Doing it in the right spirit with enthusiasm will make it a great learning experience.

2. Please do HHA in a SEPARATE SUBJECT WISE note books.

3. Post Mid Term will be held after vacation. It is essential for students to complete HHA (Marks will be given). Revise the work done in the class after Mid Term Exam.

4. Prepare and learn the topics covered after mid term for Periodic Test – 2 (PT-2).

5. School re-opens on 12th Jan, 2020.

ENGLISH

LEVEL: A

I.   Revise Chapters 6, 7 & 8 of NCERT Book. Write 10 difficult words with their meanings from each chapters.

II.   Write and learn the forms of the following verbs:

1.	sit	2.	eat	3.	sing	4.	break	5.	hit
6.	go	7.	run	8.	awake	9.	come	10.	write
11.	fly	12.	show	13.	help	14.	throw	15.	hit
16.	sleep	17.	share	18.	give	19.	teach	20.	die

III.   Make five sentences (each) starting with 'It' and 'That'

CARBON BURIED IN SOIL MAY RISE AGAIN

Based on your reading of the article, complete the following statements by ticking the correct options.

1.   A new source of carbon emissions is carbon that was buried in the soil ……….
   a)   by past generations   b) due to erosion   c) sank to the ground   d) for storage

2.   The release of carbon is accelerated due *to*
   a) passage of time   b) decomposition   c) climate change   d) erosion

3. The main effect of global warming on India would be
   a) decrease in rainfall   b) increase in rainfall   .
   c) increase in temperature   d) more freshwater for farming
4. As a result of global warming............
   a) land animals are becoming bigger than aquatic animals
   b) aquatic animals are becoming bigger than land animals
   c) aquatic animals are becoming ten times larger than earlier
   d) land animals are becoming ten times bigger than earlier
5. The word implication means
   a) connotation   b) accusation   c) charge   d) inference

LEVEL – B

I.   Read chapter – 9 and 10 of the Honey Dew Book.Write and learn word meanings.
II.   Learn the poem the 'Grasshopper and Cricket' for recitation.

ACTIVITY

- While reading the newspaper, you came across the following news item about global warming.

  In another 100 years, the hungry tide will swallow Sundarbans. Kolkata: In another 100 years, Sundarbans, the world's largest tiger reserve, will be under water. The coastline of Bengal will be in Maldah, now in north Bengal.

- Write an article for Hindustan Times on climate trends in recent years, their causes, and effects, especially the threat they pose to the future of mankind is not more than 150 words.

II.   Write the following active sentences into passive voice

   (1)   Ram scolded the dog   (6)   Ram can scold the dog
   (2)   We showed the charts to the students.   (7)   We bought a new book
   (3)   The man sang the song beautifully.   (8)   The mother has painted the wall.
   (4)   The dog is chasing the cat.   (9)   The driver has driven well
   (5)   The monkeys will scare the babies.   (10) We cleaned the room.
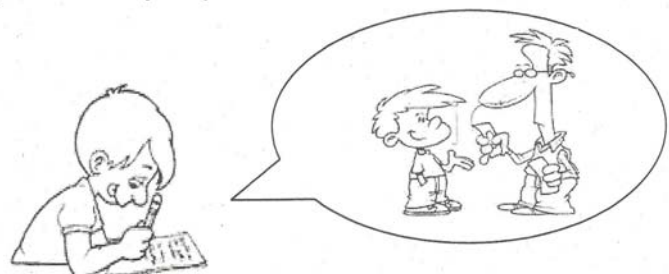
LEVEL– C

I.   Read chapter – 10 of Honey Dew Book.
II.   Read any good novel (story book) and write its review.

For all Levels – A, B & C - Compulsory

1. Read newspaper daily and write down the headlines.
2. Do a page of neat handwriting daily
3. Make any chart (any two)
   (a) Prefix and suffix   (b) Parts of speech (any one)   (c) Tenses Chart
   (d) Watch news in English on TV (at least for 15 minutes) and make a chart.
   (e) Save girl child   (f) Effects of media on student's life.
4. Read chapter 4 and 5 of supplementary reader.

ACTIVITY

Reading the news feature reminded you about yesterday, when you asked your father to increase your pocket money. What did your father say? What were your feelings? Write a diary entry in about 50 words on the topic.

SCIENCE

Level– A

1. Make a chart of daily record of temperatures (Maximum & Minimum) of 30 days.

2. Make a chart of structure of the eye and mention the functions of different parts of eye. Also mention five measures to take care of your eyes.

3. Visit Jantar Mantar with your parents. Collect all the information about it. What was the purpose of building this monument? Prepare a report.

'LI'L EXERCISE CAN HELP OBESE TEENS A LOT'

Indo-Asian News Service

TORONTO: Even a bit of exercise can deliver a mental health boost to obese teenagers, says a new study.
"The first thing I tell teenagers and parents struggling with their weight in my practice is to throw away the scale," said Gary Goldfield, researcher at the Children's Hospital of Eastern Ontario (CHEO) Research Institute. "These kids face enough challenges with bullying and peer pressure today! This new study is proof positive that even a modest dose of exercise is prescriptive for a mental health boost," Goldfield was quoted in the Journal of Paediatric Psychology. Being obese at any age is tied with diabetes and chronic fatigue to heart complications. Goldfield, who is also associate pro-

■ Being obese at any age makes one vulnerable to disease like diabetes
(IMAGE FOR REPRESENTATIONAL PURPOSE ONLY)

fessor of paediatrics at University of Ottawa, conducted the study with a group of adolescents aged 12-17 years who were required to undertake lab based sessions of stationary cycling twice weekly to music of their own choice or to an interactive video game for a 10-week trial.

ACTIVITY

1. Calculate the full height for a 9 year old boy, whose present height is 110 cm. Use the chart in your NCERT book for the same.

2. Why is the voice change for boys more prominent as compared to girls in your class?

3. Why do many young people get a lot of acne on their face?

4. What role do hormones play during adolescence?

5. How can exercise help in hormone balance?

6. What is controlled by insulin, adrenalin?

7. Where are the pituitary glands located? What is their role at adolescence?

8. Highlight the nutritional needs of young boys and girls.

9. Why can't we eat potato chips instead of potatoes, burgers instead of wheat rotis?

10. What is Adams apple? Why is it called so?

Level – B

1. Make a project/ collage on **any one** of the following topics.

    (a)   Save Energy   (b) Environment pollution   (c) Global warming

2. Make a model of **any one** of the following:

    (i) Solar system   (ii) Wind Mill   (iii) Rain water harvesting   (iv) Simple closed circuit

3. Read newspaper daily and collect information related to Science and make a scrap book.

Level – C

1. Collect information using internet about the scientists mentioned below and mention their contribution to the field of Science.

   (i)   Sir J. J. Thomson   (ii)   E. Rutherford   (iii)   James Chadwick

   (iv)   E. Goldstein   (v)   Neil Bohr.

2. Find out any organization in your area which provides relief to those suffering from Natural Disaster(s). Enquire about the type of help they render to the victims of Earthquake or Floods. Prepare a brief report on the problem of earthquake/ Kerela flood victims.

   For information on these topics visit

   science.howstuffwork.com/lightning.htm   science.howstuffworks.com/earthquake/htm

3. Prepare a presentation on Global Warming taking help from Internet.

4. Prepare a report on dengue and chikungunya. (Their causes, symptoms and measures taken by the government and how we could prevent mosquitoes from spreading). Comparative study.

PROJECT

Students may be advised to work on any one remarkable change that occurs in human bodies as we get into our teens.

It's clear now – with years of research that being overweight or obese is not just about being out of shape or superficially unattractive. It comes with a series of health problems. Feeling conscious of bulges around the waist or being stared at for one's hefty size hurts. And it takes no time reaching that stage.

Make a Calendar of Healthy Food Choices and stick to it. All that is needed is an assertion and a promise to adopt simple eating habits to fight obesity. Log on to www.healthyindia.org.in for tips. A small chart sheet is here for you to get started.

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
30	1 All meals on time	2 No fried food	3 Love fruits	4 Avoid TV while eating	5 At least one Tiranga meal	6 Go nutty! Handful of nuts
7 Fiber force- Veggies	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

SOCIAL SCIENCE

Level – A

1. Learn for Periodic Test - 2. Revise all Class work.

    (i)   Geography - Chapter -4 Agriculture & Chapter - 5 Industries

    (ii)   History - Chapter -7 Weavers, iron smelters and factory owners.

                       Chapter – 8 Civilising the 'native' Educating the Nation.

    (iii)   Civics   Chapter – 6 Understanding our criminal justice system

                       Chapter - 7 Understanding marginalization.

Level – B

2. Make a beautiful project file of Social Science. It should include topics from –

    (a)   Geography, Civics, History, GK and Current Affairs. You can also take help from Internet. Maximum 20 pages of file.

    (b)   Collect and organize all the information about any social reformer in the form of a biography.

    (c)   Make a chart

Level – C

3. a) Visit a nearby historical place. Collect information and note down in the file. Paste the pictures also.

    b) Design a sample FIR related to any crime that has happened in your locality.

MATHEMATICS

Level – A

- Learn and write multiplication tables from 2 to 20.
- Do 10 sums each based on LCM & HCF.
- Do 10 sums each based on multiplication, division and fractions & prime factorization.
- Do 5 sums each based on each formula -

    (a)   Volume of cube   (b)   Volume of cuboid

    (c)   Volume of cylinder   (d)   Total surface area of cuboid, cube and cylinder.

    (e)   Area of trapezium   (f)   area of $//^{gm}$

    (g)   Area of rhombus   (h)   Area of Δ

Every picture tells a story

PICTURE: Demonstrators march in front of the Greek parliament in central Athens protesting the new austerity measures and a rally marking a 48-hour general strike, on Tuesday

STORY: Tens of thousands of Greeks poured into the streets as mass strikes paralysed Athens in the latest show of anger over a new government austerity bill aimed at securing international aid needed to prevent the debt-crippled nation from defaulting

AFP PHO

ACTIVITY

Refer to the clipping above and answer the following questions:
- Q1. Measure the length and breadth of the above picture and calculate its perimeter and area.
- Q2. If a square has same area as above rectangle then is it correct to say that they have same perimeter too? Why?
- Q3. If the above rectangle is divided in two congruent parts along the diagonal, then, the perimeter of two parts .... the perimeter of rectangle.

Level – B

- Make S – 5 questions for each direct and inverse proportion and solve it.
- Learn and write squares of 5 to 30.
- Learn and write cubes of 5 to 30.
- Draw angles of 30°, 45°, 60°, 75°, 90°, 120°, 135° and 150° with the help of compass and protractor.
- Make a project on "Visualizing Solid figures".
- Make a project on – 5 Indian Mathematicians and 5 foreign Mathematicians. Do it in project file.

ACTIVITY

Ref: 'Carbon........again'.
Refer to the circle in the clipping below
- Q1. Find out the area and perimeter of above circle.
- Q2. Divide the circle into four quadrants. Find the sum of their areas. What do you observe?
- Q3. Calculate the perimeter of each quadrant. Can we say that the perimeter of circle is equal to the sum of the perimeter of quadrants?

Level – C

- Make Mensuration formula chart
- Exponents and power chart (Formula chart)
- Formula chart for comparing quantities.
- Learn the properties of quadrilaterals.
- Do 5 sums each based on each of the following algebraic identities ($7 \times 5 = 35$ sums)

1. $(a + b)^2 = a^2 + 2ab + b^2$
2. $(a - b)^2 = a^2 - 2ab + b^2$

5. $a^m \div a^n = a^{m-n}$
6. $a^m \times a^n = a^{m+n}$
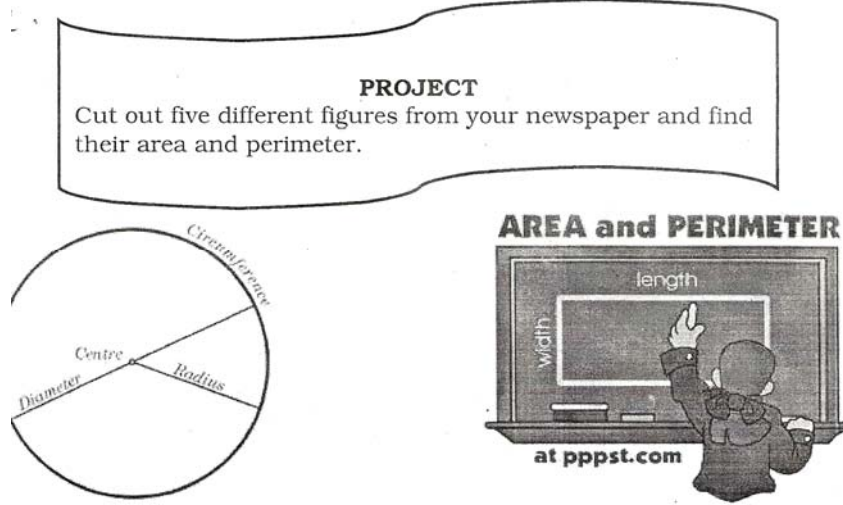
3. $a^2 - b^2 = (a + b)\ (a - b)$ 7. $(a^m)^n = a^{m \times n}$

4. $(x + a)\ (x + b) = x^2 + (a + b)\ x + ab$

Please make a separate **note book for Maths HHA (Marks will be given)**

Revise Chapter 9 and Chapter 14.

PROJECT
Cut out five different figures from your newspaper and find their area and perimeter.

SUBJECT : SANSKRIT

1. 1 से 100 तक गिनती लिखें। (संस्कृत में)

2. अस्मद शब्द का रूप लिखें।

3. पाठ–4 के श्लोकों का संस्कृत हिन्दी अर्थ के साथ एक चार्ट बनाएं।

4. सुभाषितानि पाठ से श्लोक अर्थ लिखें।

5. विद्यालय पर निबंध लिखें (संस्कृत में)

विषय : हिन्दी

वर्ग – क

1. अपनी व्याकरण पुस्तक से 5 पृष्ठ सुलेख लिखें। (अनुच्छेद या निबंध से)

    (क) एक संवाद लेखन – पृष्ठ संख्या – 264

    (ख) सूचना – लेखन पृष्ठ संख्या – 268

    (ग) विज्ञापन लेखन – पृष्ठ संख्या – 271

2. निम्नलिखित में से **किसी एक विषय** पर सुंदर चार्ट बनाइए।

    (क) किसी **एक कविता** का चार्ट   या   (ख) किसी एक कहानी का चार्ट या

    (ग) विशेषण की परिभाषा लिखकर उदाहरण लिखें और चार्ट बनाएं। या

    (घ) 26 जनवरी का एक सुंदर सा चार्ट बनाएँ।

3. हिन्दी परियोजना कार्य – एक अलग (Note Book में)

    (क) कोई 10 मुहावरे अर्थ सहित लिखे और वाक्य भी बनाएँ।

    (ख) सर्वनाम की परिभाषा और भेद, उदाहरण सहित लिखें।

    (ग) कोई दस विलोम, लिंग, वचन लिखिए।

वर्ग – ख

4. हिन्दी परियोजना कार्य (File में) – या एक अलग (Note Book में)

    निम्नलिखित में से **किसी एक विषय** पर निबंध लिखिए।

    1. दहेज प्रथा   2. करत–करत अभ्यास के जड़मति होत सुजान   3. भ्रष्टाचार

वर्ग – ग

5. पूर्वपठित पाठों का पुनरावृत्ति कार्य कीजिए।

6- **,d Lojfpr dfork** vkSj **,d dgkuh fyf[k,A** (File esa) ;k ,d vyx (Note Book esa)