*Summer is here and with it come your amazing holidays! But what's a holiday without some homework? So, do your homework and be a hero this summer!*

| Subjects | Homework |
|---|---|
| **English** | 1. Write 10 page handwriting in a separate notebook.<br>2. Read English newspaper and write any 5 news every week.<br>3. Solve UT 1 question paper in separate notebook<br>4. Read any 2 story book , write its summary and make its theme page.<br>5. Learn all the chapters covered before summer vacation.<br>6. Make a poster on any one of the topic.<br>    a. Save trees ( Clean Delhi, Green Delhi)<br>    b. Yoga day<br>    c. Importance of Education |
| **हिन्दी** | • घर पर रखी पुरानी वस्तुओं का प्रयोग कर अपनी रचनात्मकता से चिड़िया का एक सुंदर घोंसला तैयार कीजिए ।<br>• पाँच सुविचार सुंदर तरीके से रंगीन A-4 साइज शीट में लिखें एवं उन्हें याद भी करें।<br>• हमारे देश में तरह - तरह के भोजन व पोशाकें प्रचलित हैं । किन्ही पाँच भारतीय राज्यों के नामों के साथ वहाँ खाए जाने वाले प्रचलित भोजन व पोशाकों के चित्र चिपकाकर एक चार्ट तैयार कीजिए ।<br>• अपनी पूरक पुस्तिक 'बाल रामकथा' के पत्रों – दशरथ , श्री राम, लक्ष्मण, सीता, हनुमान एवं रावण के बारे में पाँच-पाँच वाक्य लिखिए । (रंगीन A-4 साइज शीट में करें।) |

| | |
|---|---|
| | • अपने माता - पिता या दादा - दादी में से किसी एक का साक्षात्कार करें और उनके बचपन की एक रोचक घटना 50 – 60 शब्दों में करें ।(ग्रीष्मावकाश कार्य उत्तर पुस्तिका में करें।)<br><br>• 'बूझो तो जानें'- 'पहेलियाँ'- दो पहेलियाँ चित्र सहित A-4 साइज़ शीट पर तैयार करें। (एक A-4 साइज़ शीट पर एक ही पहेली तैयार करें। )<br><br>• दिए गए शब्दों के दो-दो पर्यायवाची ढूँढ़कर अपनी व्याकरण की उत्तर पुस्तिका में करें :-<br>गणेश, चंद्रमा , तालाब , कमल ,पत्थर , साँप ,समुद्र , रात्रि , बादल , सोना , देवता , इच्छा, गर्व , सुन्दर, दूध ।<br><br>• दिए गए शब्दों के विलोम शब्द ढूँढ़कर अपनी व्याकरण की उत्तर पुस्तिका में करें :-<br>आदर, उपयोग, जय , परतंत्र , पवित्र , क्षमा , जीवन , कोमल , दयालु, नवीन , एकता , आकाश , मानव, प्रेम , आशा ।<br><br>• मुहावरों के अर्थ लिखकर उनके दो -दो वाक्य अपनी व्याकरण की उत्तर पुस्तिका में लिखें :-<br>पत्थर की लकीर ,नौ दो ग्यारह हो जाना ,फूला न समाना ,बाजी मारना ,मुँह में पानी आना , रंग में भंग पड़ना, भैंस के आगे बीन बजाना, छाती पर साँप लोटना, नाक में दम करना, लाल- पीला होना ।<br><br>• हिंदी लेखन अभ्यास एवं सुधार हेतु ग्रीष्मावकाश कार्य उत्तरपुस्तिका लगाएँ एवं उसमें 15 पेज सुलेख कार्य करें।<br><br>❖ सारा ग्रीष्मावकाश कार्य आकर्षक ,सृजनात्मक और कलात्मक होना चाहिए । कार्य को आकर्षक बनाने के लिए आप भिन्न-भिन्न रंगों और चित्रों और रंगीन कागज का प्रयोग कर सकते हैं। सारा कार्य आंतरिक मूल्यांकन के अंतर्गत जाँचा जाएगा।<br><br>▪ पाठ्यक्रम में पढ़ाए गए पाठों एवं करवाए गए कार्य की पुनरावृति एवं अभ्यास पुनः करें तथा उन्हें परीक्षा एक हेतु तैयार करें। |
| **Maths** | Note -• Do Holiday Home work in a separate thin Register.<br>• It is mandatory to write questions . Use only blue and black pens.<br><div align="center">WORKSHEET – 1<br>CHAPTER 1- KNOWING OUR NUMBERS</div>1. Form greatest and smallest number using following digits(without repeating any digit)<br> (i) 3,0,4,6 (ii) 5.7,8,2 (iii)2,6,4,1,0<br> (iv) 8,7,2,3,6 (v) 4,6,5,7 (vi) 2,0,1,6,8, (vii)2,5,3,2<br>2. Arrange the following in descending and ascending order<br> (i)2456, 5687, 1234, 5679, 5590<br> (ii) 8970, 2003, 5678, 6578, 3111<br> (iii) 25623, 89655, 23890, 11115, 25740 |

(iv) 36548, 10206, 56234, 78952, 52300

(v) 897563, 123000, 756212, 562310, 234100

(vi) 9874564, 9874000, 5689741, 562341, 8974561

3. Insert commas and write the following in the Indian and International System both.

(i) 1523023  (ii) 5689235  (ii)1002305        (iv) 28903467   (v) 56237100

(vi) 1200300  (vii) 5600006   (viii) 56230100  (ix) 56568923   (x) 5900001

4. Write the following in expanded form

(i) 4235689   (ii) 4520006  (iii) 89723000   (iv) 89740006 (v) 4589600  (vi) 2030506 (vii) 8963104 (viii) 89764523 (ix) 56842394  (x) 45689564

5. Write the Roman Numerals of the following

(i) 56   (ii) 68   (iii) 88   (iv) 36   (v) 98  (vi) 63  (vii) 125  (vii)200   (viii) 99  (ix) 75  (x) 66

6. Convert the following units

(i) 2km 540m into m

(ii) 4cm3mm into mm

(iii) 7l 670ml into ml

(iv) 5kl 60l into l

(v) 15m 25cm into cm

7. Estimate the following to the nearest hundred

(i)456       (ii)5670   (iii)7893  (iv)234       (v)9763       (vi)1789
 (vii)2356  (viii)7196  (ix) 2345  (x) 2378

8. Estimate the following to the nearest thousand

(i) 1563 (ii)2345  (iii)1039  (iv) 8973 (v) 39701 (vi) 11110 (vii) 19730 (viii)8973 (ix) 8973 (x) 2983

9. Estimate the following to the nearest tens

(i) 231  (ii)293  (iii) 2389  (iv)586  (v) 789 (vi) 347 (vii) 123 (viii) 365 (ix) 369 (x)8973

10. The  town newspaper is published every day. One copy has 12 pages. Everyday 11,980 copies are printed. How many total pages are printed everyday?

## CHAPTER 9- DATA HANDLING

1.     A die was thrown 35 times and the following numbers were obtained:
5, 1, 4, 2, 3, 2, 6, 6, 1, 4, 2, 5, 4, 5, 3, 6, 1, 5, 2, 6, 2, 5, 4, 1, 3, 2, 1, 4, 1, 6, 2, 6, 3, 3, 3
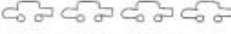Prepare a frequency table for the data.

2.     The result of a Mathematics test is as follows:
80, 90, 70, 80, 80, 60, 80, 70, 90, 65, 100, 60, 70, 60, 70, 85, 65, 70, 70, 85, 90, 60, 65, 80, 60
Make a frequency table for the above data and answer the following questions:

(a) What is the maximum mark obtained?

(b) How many students score less than 75 marks?

(c) How many students scored 80 marks or above?

(d) How many students appeared in the test?

3.     Mr. Rajan made a pictograph given below to show the number of cars washed at a car washing station during three days of a week.

| Days | Number of cars washed | One 🚗 = 5 cars |
|------|----------------------|------|
| Friday | 🚗🚗🚗🚗 | |
| Saturday | 🚗🚗🚗🚗🚗🚗🚗 🚗🚗🚗 | |
| Sunday | 🚗🚗🚗🚗🚗🚗🚗 | |

From the pictograph, find that:
(a) How many cars were washed on  (i) Friday  (ii) Saturday  (iii) Sunday?
(b) On which day the maximum number of cars were washed at the station?
4.     Read the pictograph given below and answer the following questions:
Persons employed in one year

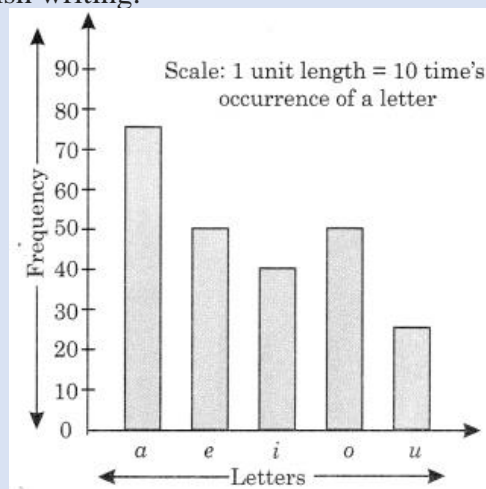| Job | Number of persons | Each 👤 = 3000 persons |
|-----|-------------------|------------------------|
| Private service | 👤👤👤👤👤👤 | |
| Government service | 👤👤👤👤👤👤👤👤👤👤 | |
| Factory service | 👤👤👤👤👤👤👤👤 | |

(a) What is the number of persons employed in government service?
(b) How many more people were employed in government service than in private service?
(c) In which service, were the maximum number of persons employed?
5.     In March 2012, children for six colonies of Meerut were given pulse polio Drops. The colony wise number of children were as follows:

| Colony A | 2250 |
|----------|------|
| Colony B | 1500 |
| Colony C | 2000 |
| Colony D | 1250 |
| Colony E | 1000 |
| Colony F | 1500 |

Represent the data by pictograph.
6.     The given bar graph represents the frequency of a, e, i, o, and u in a piece of English writing.
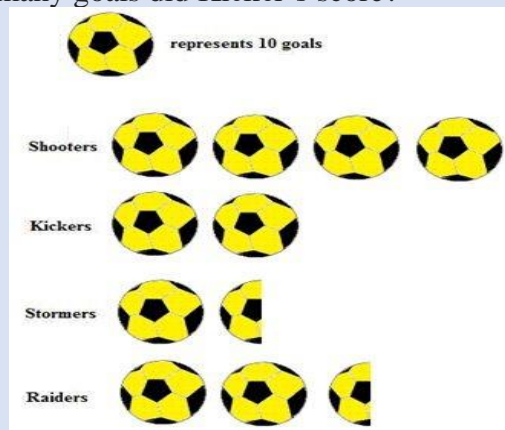


(a) Which letter occurred the maximum number of times?
(b) Which letter occurred 40 times?

(c) Which letter occurred less than 30 times?
(d) Write down the five letters in the decreasing order of frequencies.
7. The marks obtained by six students in Mathematics are given below. Represent the. data by a bar graph.

| Students | Marks |
|----------|-------|
| Ayush | 75 |
| Karim | 80 |
| Sonu | 95 |
| Manish | 100 |
| Lalit | 65 |
| Rakhi | 70 |

8. The pictograph shows the numbers of goals scored by four soccer teams in a season. How many goals did Kicker's score?



9. Construct frequency table for the following:
3, 5, 7, 8, 6, 5, 4, 3, 2, 1, 10, 7, 6, 5, 4, 1, 2, 3, 4, 5
10. State true or false:
a.      A bar graph represents data in the form of pictures, object or parts of objects.
b.     Data is a collection of numerical figures giving required information.
c.     In a bar graph width of rectangle is always equal.
d.  The tally mark ⊦⊦⊦⊦ represents 5.
ACTIVITY-
    1.  Prepare a clock using chart paper and cardboard. Write Roman Numerals on clock (Roll No. 1-19)
    2.  Collect the information of the number of students in different school houses in your class. Prepare a Bar graph in Chart Paper. (Roll No. 20 – 38).

| Science | GENERAL INSTRUCTIONS-<br> THERE ARE FOUR PARTS OF SCIENCE HOME-WORK. -ATTEMPT PART A AND B IN SCIENCE NOTEBOOK.<br>-ATTEMPT PART C ON A4 SIZE SHEET.<br>-ATTEMPT PART D IN A SCRAPBOOK.<br><br>A-Attempt these two assignments given below in your Science notebook. It is compulsory to write questions. |
|---|---|

Chapter-1 (Food: where does it come from?)
Choose the correct option in the following questions:

1.    Which of the following is not an ingredient for preparing Dal?
(a) Pulses   (b) Kerosene      (c) Oil or Ghee   (d) Salt
2.    Which one of the following is not an omnivore animal?
(a) Tiger   (b) Human   (c) Bear   (d) Cockroach
3.    Materials required to prepare a food item are called-
(a) Nutrients   (b) Ingredients   (c) Nourishments   (d) Minerals
4.    Which of the following is not a plant whose root is edible?
(a) Carrot   (b) radish   (c) turnip   (d) potato
5.    The animals which eat only small animals are called-
(a) Herbivores (b) Carnivores (c) Omnivores   (d) Insectivores
6.    Humans are-
(a) Carnivores   (b) Herbivores   (c) Omnivores   (d) None of these
7.    Animals which eat both animals flesh as well as plants are called
_____
(a) Carnivores   (b) Herbivores   (c) Omnivores   (d) None of these
8.    Which of the following gives eggs?
(a) Duck   (b) Cow   (c) Goat   (d) Donkey
9.    Kidney beans, grams, urad dal are rich in _____
(a) Spices   (b) Ingredients   (c) Nourishments   (d) Proteins
10.  Edible part in Lettuce and Spinach is _____
     (a)  Stem      (b) Roots      (c) Leaf      (d) Seeds
Give two examples of each-
1)    Herbivores
2)    Omnivores
3)    Plants whose roots are edible
4)    Plants whose stem is edible
5)    Carnivores
6)    Scavengers
Short Answer type Questions-
1)    Define the term ingredients.
2)    Name the animals which give us meat.
3)    What are the two main sources of food?
4)    Make a table in which you have to write some food items, their
ingredients and sources of these ingredients.
5)    Write the name of the plant that provide us-
a.      Vegetables
b.      Fruits
c.      Cereals are grains
d.      Pulses
e.      Oil or fat
6)    Which part of the plant do we eat generally?
7)    What is honey? What is its importance?


Long Answer type Questions-

1) What are Herbivores, Carnivores and Omnivorous animals with example for each?
2) Why Scavengers are important for environment?
3) Why is food important for Humans?
4) What are good food habits?
5) Make flow charts for the preparation of (a) ghee (b) honey.
6) How sprouted seeds are prepared?

### Chapter-2 (Components of Food)

Choose the correct option in the following questions:

1) Deficiency of Iron causes-
(a) Rickets    (b) Anemia    (c) Beri-beri    (d) Scurvy

2) Vitamin D helps in-
(a) Body building          (b) Clotting of blood
(c) Protection of liver     (d) Proper growth of body

3) Carbohydrates can be tested by using-

(a) iodine solution          (b) caustic soda
(c) copper sulphate          (d) fehling solution

4) Which one of the following is an energy giving component?

(a) Protein                (b) Vitamins and minerals

(c) Roughage               (d) Carbohydrates and fats

5) Vitamins and minerals are-

(a) protective food         (b) energy giving food

(c) body building food      (d) roughage

6) Scurvy is caused due to the deficiency of-

(a) vitamin A               (b) vitamin B

(c) vitamin C               (d) vitamin D

Answer the following questions in one word-

1) It protects us from dehydration.

2) They act as building blocks and serve as materials helping in growth and repair of the body cells and tissues.

3) It is required for Formation of hemoglobin in red blood cells-

4) These protect the body from germs and diseases-

5) They are also known as body building food-

6) The starch and sugar in food is called-

7) They are required for proper growth of body-

8) Name the minerals which make our teeth and bones-

9) Name the vitamin present in orange-

10) Dietary fibers are also called as-

11) Symptoms of bleeding gums, wound take longer time to heal-

12) Carbohydrates, proteins, fats, vitamins and minerals are called-

Short answer type question-

1) Define nutrients. What are the major nutrients present in our food?

2) Name two nutrients which protect the body from diseases.

3) What is the function of vitamin C in our body?

4) Write the sources of fat.

5) What is a balanced diet?

6) How many calories does a 12 year old boy or girl need each day?

7) What is obesity?

8) Here are three strips. You have to paste them in figure at three places 1, 2 and 3 at which place will you paste each strip?

(a)        Protein rich food

(b)        Carbohydrate rich food

(c)        Fat rich food.

1) Name the food each rich in:

a.    Dietary fibre    b.    Starch    c.    Protein        d.    Calcium

e.    Fat        f.    carbohydrates

Long answer type questions-

1) What is roughage? Why its presence in our body is important?

| | |
|---|---|
| | 2)     What are the various functions of proteins? <br><br> 3)     What are various functions of vitamins? <br><br> 4)     Why does our body need nutritious food? <br><br> 5)     Write the sources and deficiency diseases of the vitamins –A, C, D. <br><br> 6)     What is anemia? Write the symptoms of anemia. <br><br> 7)     Write three important properties of a balanced diet. <br><br> 8)     What do you mean by staple food? <br><br> B- Watch any one Sci-Fi movie with your family members and write an honest review on it in your Science notebook. (Word limit-200 words) <br><br> C- Art Integrated Learning :- Draw a beautiful nature scenery on a A4 size sheet showing animals of different food habits or food chain. <br><br> D- Draw all the systems of human body and learn their labellings.(To be done in a scrape book) |
| **S.St.** | 1.   List down five countries and note the time difference between them make a colourful clock and Flag for each of the countries and paste them on a chart paper. <br> 2. make any five toys of Harappan civilization using clay / waste material available. <br> 3. Draw a colourful diagram of the tools and weapons used by early man on an A3 size sheet and state their uses. <br> 4. On of physical map of India, mark and label the physiographic divisions of the country.(Refer chapter 7 -geography book) <br> 5. On a physical map of India, show the latitudinal and longitudinal extent of India. Also mark the Indian Standard Time. <br> 6. Write a short note on the various forms of government with examples -monarchy, dictatorship and democracy-in your civics notebook. |
| **Sanskrit** | • कवि , हरि , रवि , कपि इकारान्त पुल्लिंग शब्दों के रूप लिखें | <br> • शिशु , साधु , गुरु , विष्णु उकारान्त पुल्लिंग शब्दों के रूप लिखें | <br> • पठ , हस , चल , खेल , खाद , पिब , पश्य , धाव , पत , भ्रम , लिख , इच्छ , मिल धातुओं के लट लकार ( वर्तमानकाल ) में धातुरूप लिखें | <br> • शरीर के अंगों के नाम ( चित्र- सहित ) व खाद्य पदार्थों के नाम (कोई बीस ) संस्कृत में लिखें | |
| **Computer** | 1. Learn and prepare all work done in class. |

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|---|---|
| | 2. Design E- Greeting card by adding video, audio, animation to make it more attractive<br><br>3. Write about these famous personalities from IT World.<br><br>Steve Jobs,Bill Gates, Linus Torvalds, Tim Berners-Lee & James Gosling in a File.<br><br>4. Write difference between Hackers and crackers.<br><br>5. Make List on 20 browsers and 20 search engine with image. |
| **Arts** | Activity name - Picasso art (cardboard Face)<br><br>MATERIAL TO BE REQUIRED<br>*cardboard<br>*poster colours or Acrylic colours<br>*fevicol<br>* safety scissors<br>* wall putty<br><br><br>Link<br>https://youtu.be/S0rPhkJBvXc<br><br>*Do page no 9,10,12,18,19 in Art book.<br>* Draw one sketch everyday on an A4 sheet or rough notebook.<br>* Do colouring practice on an A4 sheet or rough notebook. |
| **GK/Moral Values** | • Do Unit 3 and 4 in your G.K book<br>• Write down 20 current affairs in G.K notebook.<br>• Write 5 different facts for each scientific and general in G.K notebook.<br>• Read English Newspapers Daily. |
| **Music** | 1. Make one Poster (sheet - A3 size)  or A model Related to Music.<br>2. Write and Learn National Anthem and National Song in correct pronunciation (In music notebook).<br>3. Write an introduction of One Indian classical Singer and Indian Classical Dancer in your Music Notebook.  Write about his/her  full name DOB, Achievements and Performances etc**.**<br>4. **Write any Non Filmy PATRIOTIC SONG  in your music notebook.** |

| Sports | All the work must be done in one (colourful) scrapbook. Parents are requested to guide their ward while doing the activities. <br> 1. Write about your favorite game and paste pictures or ground and players. <br> 2. Paste some yoga pictures and write about them(cobra, tadasan, sarvaang aasan, Chakraasan,paschimotan aasan, varshaasan.) <br> 3. Getup early in the morning and do some outdoor activities like…. Biking, swimming, running, jump rope. <br> 4. Do yoga practice. Play chess or solve puzzles for mind exercise. <br> 5. Eat healthy and stay healthy. |
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