

DAV PUBLIC SCHOOL, BALLABHGARH

Holiday Homework

Session 2020-2021

Class- VI

ENGLISH

“The best thing about books is they let you travel without moving your feet.”

Dear Students

Be creative, Enhance vocabulary and do the given work to brush up your language skills during your summer break.

1. Make a Pictionary.

Find any 50 new words that you come across while reading your literature or Reader book and write their meanings, synonyms and antonyms along with pasting or drawing pictures related to the words. Present it beautifully in any shape.

2. Keep Reading!! Keep exploring!!

Read any story book written by any one of the given writers

R. K. Narayan/Ruskin Bond/Enid Blyton

(Or any one that is available)

- Make a ppt including the following
- Brief history of the writer, his famous works, review of the book, description of your favourite character, message given by the writer.

{ You can go for e-reading also }

3. Learn different forms of verbs given in your practice book as well as given in the assignment. (already shared)

Handwriting too depicts your personality!!

Dear students it's the best time to work upon it.

4. Improve your handwriting by writing 1 page daily in any separate notebook.
5. Read all the literature units covered in online classes.

Learn question and answers based on these units.

ग्रीष्मावकाश गृहकार्य

विषय - हिन्दी

1. 'चिपको आंदोलन' का संक्षिप्त वर्णन लिखकर उसका चित्र बनाइए तथा सुंदरलाल बहुगुणा का चित्र भी लगाइए। (ब्याकरण कॉपी में)
2. पर्यावरण संरक्षण अथवा वृक्ष संरक्षण पर एक-एक स्लोगन लिखिए तथा संबंधित चित्र भी बनाइए। (ब्याकरण कॉपी में)
3. संज्ञा तथा उसके भेदों पर आधारित एक आकर्षक प्रोजेक्ट (मनपसंद आकृति) में बनाइए। उसमें धर्माक्रोश का प्रयोग न करें। भाषायी शुद्धता तथा प्रभावशाली प्रस्तुति का विशेष ध्यान रखें।
4. 'करत-करत अभ्यास के जड़मति होत सुजान' विषय पर लगभग 100-150 शब्दों में अनुच्छेद लिखिए। (ब्याकरण कॉपी में)
5. आपकी बड़ी बहन ने जन्मदिन पर आपको उपहार भेजा है उसके लिए मित्र को धन्यवाद देते हुए पत्र लिखिए। (ब्याकरण कॉपी में)
6. ज्ञान सागर तथा अभ्यास सागर का करवाया गया कार्य याद कीजिए।

MATHEMATICS

General Instructions:

- Submit your work in a file/folder with a cover page. Use the perforated sheets or ruled sheets.
- Present your work neatly and as creatively as possible.
- The work should be hand written.
- Work out the rough calculation on the right side of each sheet (ruled/perforated) as per requirement.

Project/Activity Work:

Do the following Maths Projects/Activities on A4 Size sheets in a file:

1. Collect population data of 5 states of India or of large cities and write them in words in Indian and International system both.

2. Estimations:

The students will choose any 5 packed food items, paste their empty packs and complete the following table:

S.No.	Names of packed food items	M.R.P. (in rupees)	Estimated Value (by general rule)
1.			
2.			
3.			
4.			
5.			
Total			

3. Roman Numerals (Art Integration):

Students will cut 1 cm x 1 cm square papers (4 in number) and mark them with letters I, X, V, L and colour them as follows:

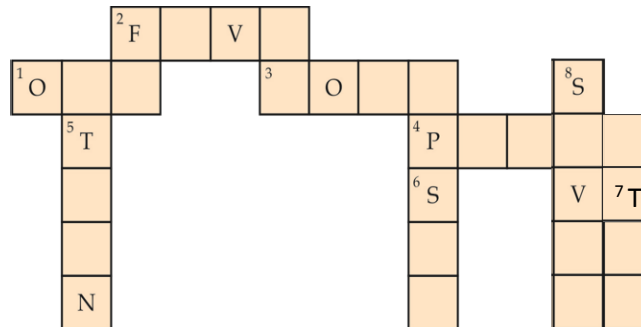
Yellow colour for all 'I' papers, Red colour for all 'X' papers, Blue colour for all 'V' papers, Green colour for all 'L' papers.

They will note down age of each family members and paste the coloured papers representing age in roman numerals as follows:

S. No.	Relation	Age in Hindu- Arabic Form	Roman Numeral
1	Mother	32 years	X X X I I

Crossword:

Complete the following puzzle:



Across:

- 1) Two natural numbers are coprime if their HCF is
- 2) A number is divisible by _____ if its one's place digit is either 5 or 0.
- 3) LCM of 2 and 4 is _____.
- 4) 1 is neither a _____ nor composite number.

Down:

- 5) 2 consecutive odd prime numbers are known as.
 - 6) A number is divisible by _____ if the number is divisible by 2 and 3 both.
 - 7) _____ is the only even prime number.
 - 8) HCF of 7 and 28 is _____.
3. Make beautiful and creative A-4 size sheet for the topic below:
- a. Write the operations on whole number.
 - b. Write all the divisibility tests.
4. Interdisciplinary activity with Geography (Art Integration): Take a political Map of India, draw the following line segments and answer the questions that follows:
- (a) Join Srinagar to Thiruvanthpuram and name it AB.
 - (b) Imphal to Gandhinagar and name it CD.
 - (c) Itanagar to Shimla and name it EF.
 - (d) Patna to Chennai and name it GH. Questions:
 - (i) Which is the shortest line segment?
 - (ii) Which line segment passes through Arabian Sea?
 - (iii) Which line segment passes through a country other than India?
 - (iv) Which line segment passes through the maximum states?
5. Learning work: (i) Learn tables from 2 to 25.
(ii) Learn and write squares of number from 1 to 25. (Eg: $1^2 = 1$; $2^2 = 4$)
6. Revise the syllabus covered up to summer vacations thoroughly.
7. Do the given assignment in your maths register/notebook.

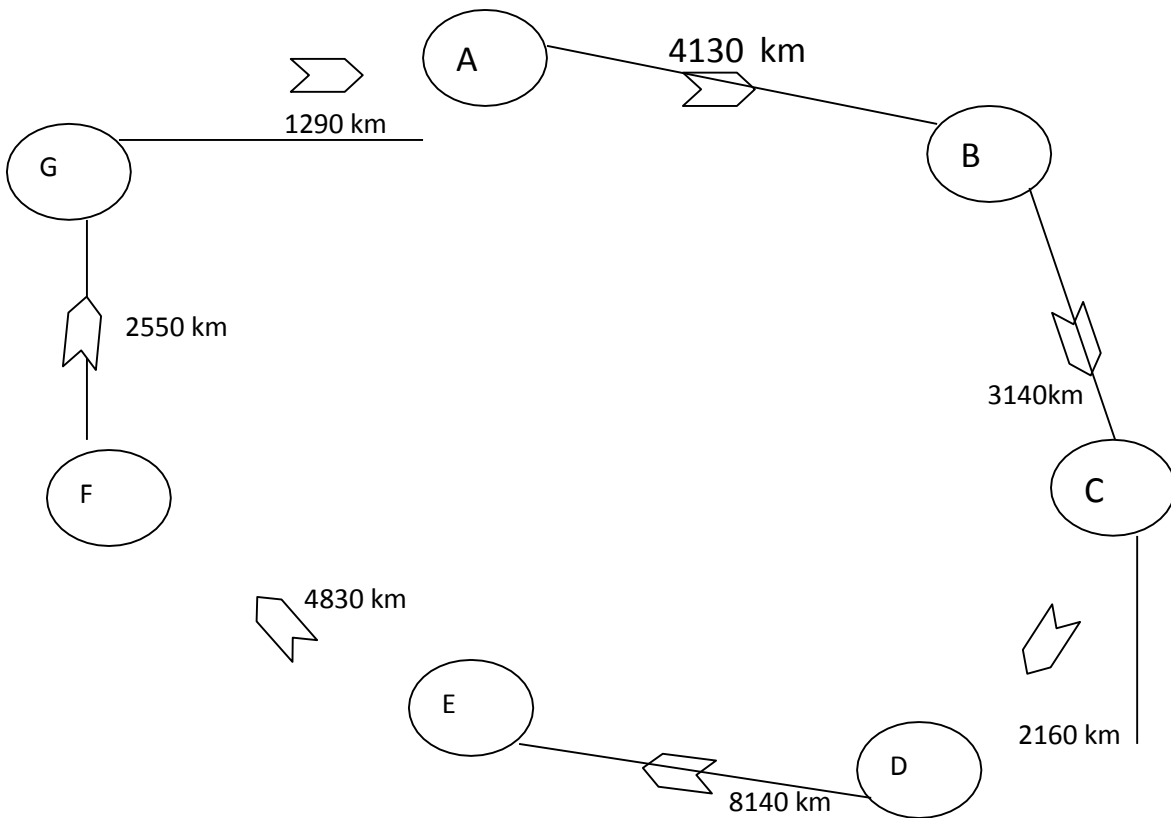
DAV PUBLIC SCHOOL BALLABHGARH
HOLIDAY ASSIGNMENT

Class 6

Session 2020-2021

Chapter 1 – Natural Numbers and Whole Numbers:

1. Given below are a few digits, you have to make numbers following the instructions Given:
0, 4, 5, 6, 9, 7, 1
 - (i) Write a number between 5 and 6 million.
 - (ii) Write a number greater than 80 lakhs
 - (iii) Write the largest and the smallest 7-digit numbers without repeating the digits.
 - (iv) Write the largest 7-digit number with 0 at the thousands place.
 - (v) Write the smallest 7-digit number with 9 at the hundreds place.
2. Write the following in Roman numerals:
(i) 57 (ii) 596 (iii) 2888 (iv) 1944
3. Write each of the following in Hindu Arabic numerals:
(i) DCCXXIV (ii) CCCLXV (iii) CMXCIX (iv) MCMVII
4. Medicine is packed in boxes, each weighing 4 kg 500g. How many such boxes can be loaded in a van which cannot carry beyond 800 kg?
5. The numbers 3,6,10 can be written in triangular form. Represent the next 5 triangular numbers by drawing dots. (Look up the internet for triangular numbers.)
6. Study the following pattern and write 4 more steps:
 $11 \times 11 = 121$
 $111 \times 111 = 12321$
 $1111 \times 1111 = 1234321$
7. A bus started its journey and reached different places with a speed of 60 km/hr. The journey is shown below.
 - (i) Find the total distance covered by the bus from A and D.
 - (ii) Find the total distance covered by the bus from D to G.
 - (iii) Find the total distance covered by the bus, if it starts from A and returns back to A.
 - (iv) Can you find the difference of distance from C to D and D to E?
 - (v) Find out the time taken by the bus to reach (Time taken = Distance \div Speed)
 - (a) A to B
 - (b) C to D
 - (c) E to G
 - (d) total journey



8. Find the values of each of the following using various properties:

(i) $7869 \times 92 + 7869 \times 8$

(ii) $887 \times 10 \times 461 - 361 \times 8870$

Chapter 2 - Factors and Multiples:

Choose the correct option in question no. 1, 2, 3 and 4

Q.1 Unique number (number which is neither prime nor composite) is

- (a) 1 (b) 2 (c) 3 (d) 4

Q.2 The greatest prime number between 1 and 100 is

- (a) 93 (b) 95 (c) 97 (d) 99

Q.3 The HCF of two consecutive even numbers is

- (a) 2 (b) 3 (c) 4 (d) 5

Q.4 A number for which sum of all its factors is equal to twice the number is called

- (a) Unique number (b) Composite no. (c) Perfect no. (d) None

Q.5 Write all factors of each of the following numbers. (i) 60 (ii) 125 (iii) 729

Q.6 Write first five multiples of each of the following numbers: (i) 25 (ii) 35 (iii) 40

Q.7 Write all prime numbers between

- (i) 10 and 50 (ii) 70 and 90

Q.8 Express each of the following numbers as the sum of two odd prime

- (i) 36 (ii) 42 (iii) 84

Q.9 Express each of the following numbers as the sum of three odd primes

- (i) 31 (ii) 35 (iii) 49

Q.10 Express each of the following as the sum of twin primes

- (i) 36 (ii) 84

Q.11 Find prime factorization of each of the following numbers

- (i) 216 (ii) 420

Q.12 Write the smallest 4-digit number and express it as a product of primes.

Q.13 Write the largest 4-digit number and give its prime factorization.

Q.14 Determine the HCF of the following numbers by division method

- (i) 300, 450 (ii) 39, 47

Q.15 Determine the LCM of the numbers given below

- (i) 48, 60 (ii) 18, 12 (iii) 15, 30, 90

Q.16 The LCM and HCF of two numbers are 180 and 6 respectively. If one of the numbers is 30, find the other number.

Q.17 The HCF of two numbers is 16 and their product is 3072. Find their LCM

SCIENCE

"SCIENCE IS MAGIC THAT WORKS"

1. Read Ch. 1 to 4
2. Prepare Ch. 1 & 2 for U.T. with assignment -1
3. Do assignment no. 2 in copy with pencil.
4. Visit the kitchen in your house. Observe the different methods of separation that are being used by different people. Make a list of your observations and name the different methods used in different cases.
5. Art Integration- Prepare a poster on the topic- "NO PLASTIC FOR ME".

SOCIAL SCIENCE

Note-Do the following Projects/Activities in S.sc scrap book.

1. Prepare a static model of the Solar System. You may use different sized small cut outs of white pastel sheet/chart paper duly coloured.
2. Watch the famous constellations in the night sky with your siblings. There are Big Bear, Saptarishi and the eight constellations of zodiac signs and prepare a model of any one of them with match sticks/ stickers of golden or silver stars/bindis.
3. The planets are named based on different Gods. Identify and write the names of Gods the planets are linked to .

Name of the planet	Name of God

4. Collect pictures of some ancient monuments of India such as temples, tombs, forts and paste in scrap book. (any 3 pictures of each)
5. Prepare a comparative table of three phases of Stone Age under the following headings :

Stone Age	Occupation of man	Tools of man	Achievement/Inventions done by man	Important sites of stone age in India
Palaeolithic Age				
Mesolithic Age				
Neolithic Age				

6. Learn the class work (lesson-1,2,8,9,10 and 21) done in register.
7. Do the given assignment in register.

DAV PUBLIC SCHOOL, BALLABHGARH
ASSIGNMENT-2
CLASS – VI, SUBJECT - SOCIAL SCIENCE

**Lesson-2(Representation of the Earth
 Past)**

Lesson-8(Studying the

**Lesson-9(Life of Early Man)
 Community Life:Unity in Diversity)**

Lesson-21(Our

Answer these questions-

- Q-1 Define map.
- Q-2 Define globe.
- Q-3 What is cartography?
- Q-4 Name the four components of a map.
- Q-5 What do you mean by plan?
- Q-6 Who was known as the ‘Father of map-making’?
- Q-7 On the basis of scale, maps are categorised in which two types ?
- Q-8 What does CE stand for?
- Q-9 What does BCE stand for?
- Q-10 Name the two source materials of history.
- Q-11 Differentiate between numismatics and epigraphy.
- Q-12 The earliest manuscripts/literary sources were written on which material ?
- Q-13 Differentiate between manuscripts and inscriptions.
- Q-14 Make a list of archaeological source materials or evidences.
- Q-15 Define fossils.
- Q-16 Man of which period/age was responsible for developing the first pottery?
- Q-17 Complete the given table:

Palaeolithic Age		Mesolithic Age		Neolithic Age	
Ancient site	Present state	Ancient site	Present state	Ancient site	Present state

- Q-18 What does the community in which we live comprise?
- Q-19 Give reason- Living together is good.
- Q-20 Define the following terms: (i)Prejudice (ii)Discrimination
- Q-21 What is Green Revolution related to?
- Q-22 What is White Revolution related to?
- Q-23 What is the main side effect of the migration of rural people to urban areas?
- Q-24 What are the things that make the life in towns and cities comparatively smooth and comfortable?
- Q-25 List the things that make the city life difficult.
- Q-26 What causes unrest and social tension in the community?

संस्कृत -

ग्रीष्मकालीन अवकाश गृहकार्य -

- i. चित्र बनाकर या चिपकाकर संस्कृत में चार वाक्य लिखिए-
(हरिणः, मूषकः, काकः, वृक्षः, कच्छपः)
- ii. सुरभिः भागः-1 पाठ- 4 मधुराः श्लोकाः में से श्लोक संख्या-2, 3, 4 लिखें व याद करें। (उपर्युक्त कार्य कॉपी में करें।)
- iii. अप्रैल व मई मास में कराए गए सभी शब्द व धातुरूप तथा 1 से 30 तक संख्या याद करें।

DAV PUBLIC SCHOOL, BALLABHGARH

Class VI , Subject : G.Sc.

Assignment- 2 (Session 2020-21)

Chapters Covered-Ch. 3-Nature of Matter

Ch. 4-Seperation of Substances

1. Differentiate between naturally occurring & manmade material give examples also.
2. Explain Diffusion.
3. Why some shopkeepers sprinkle water around their shops?
4. What is adulteration?
5. Define the term - (i) Evaporation (ii) Miscible liquids.
6. Write a short note on filtration.
7. Write two applications of Centrifugation.
8. Define the term Sedimentation & Decantation.
9. What is Loading? Give one example.
10. Write a note on combined method of separation.
11. Why are things classified into groups?
12. Which of the 3 states –solids, liquids & gas can be easily compressed and why ?
13. Which property of material helps us in detecting of leakage & why?
14. Why do fishes die when taken out of water?
15. Why our school bags considered as matter?
16. Why does an aggarbatti lit at one corner of the room could be smelled in other corner so quickly?
17. Why does visibility increases after rain?
18. Why is air is considered as a mixture whereas salt as a pure substance?
19. Can we use magnet for separating plastic from the heap of garbage? Give a suitable reason for your answer.
20. Why do we need to separate different components of a mixture ?
21. Lemonade is prepared by mixing lemon juice and sugar in water. You wish to add ice to cool it, when ice should be added to the lemonade before or after dissolving sugar? Give a suitable reason for this.
22. Is it possible to separate sugar mixed with wheat flour? If yes, how will you do it?
23. What is name of traditional wooden churner? Write its use also.
24. Pond water is a 'Mixture'. If yes, please specify you answer.

Value Based Questions

25. Adulteration is becoming a very serious problem of our society. Study reveals that more people die because of food adulteration rather than hunger. Shopkeepers mix harmful chemicals and things in food items to earn more profit which may every lead to death.

Answer the following questions based on above situation:

- a) Being a responsible person how can you fight against adulteration?
- b) Give an example of food adulteration.

