N. M. HIGHER SECONDARY SCHOOL

(RECOGNISED)

RAJEEV GARDEN, LONI GHAZIABAD U.P.-201102

Summer Holiday Home Work

2024-25

GRADE VI

Name: -   _____

F. Name: -   _____

Roll No.: -   _____ Sec.: -_____

MESSAGE

Dear Parents,

Vacations are not only meant to explore the world outside but also is an opportunity to rediscover ourselves while we stay at home. So, embark on a journey of fun and adventure by reading books, exercising, meditating, dancing and channelizing your energy in a positive manner. The Summer Vacation has begun.

To keep our students engaged in fun-based learning activities we have compiled a set of activities for the \Summer Vacation. You may have to help your child to complete the home-work. Kindly make sure that your child submits the home work to their respective class teacher/subject teachers as per the submission dates suggested.

Principal
Er. Naeem Ahamad,
B. Tech. (IT), PG-DAC(Puna), M.Sc. (Maths), B. Ed., UPTET, CTET
N. M. Higher Secondary School,
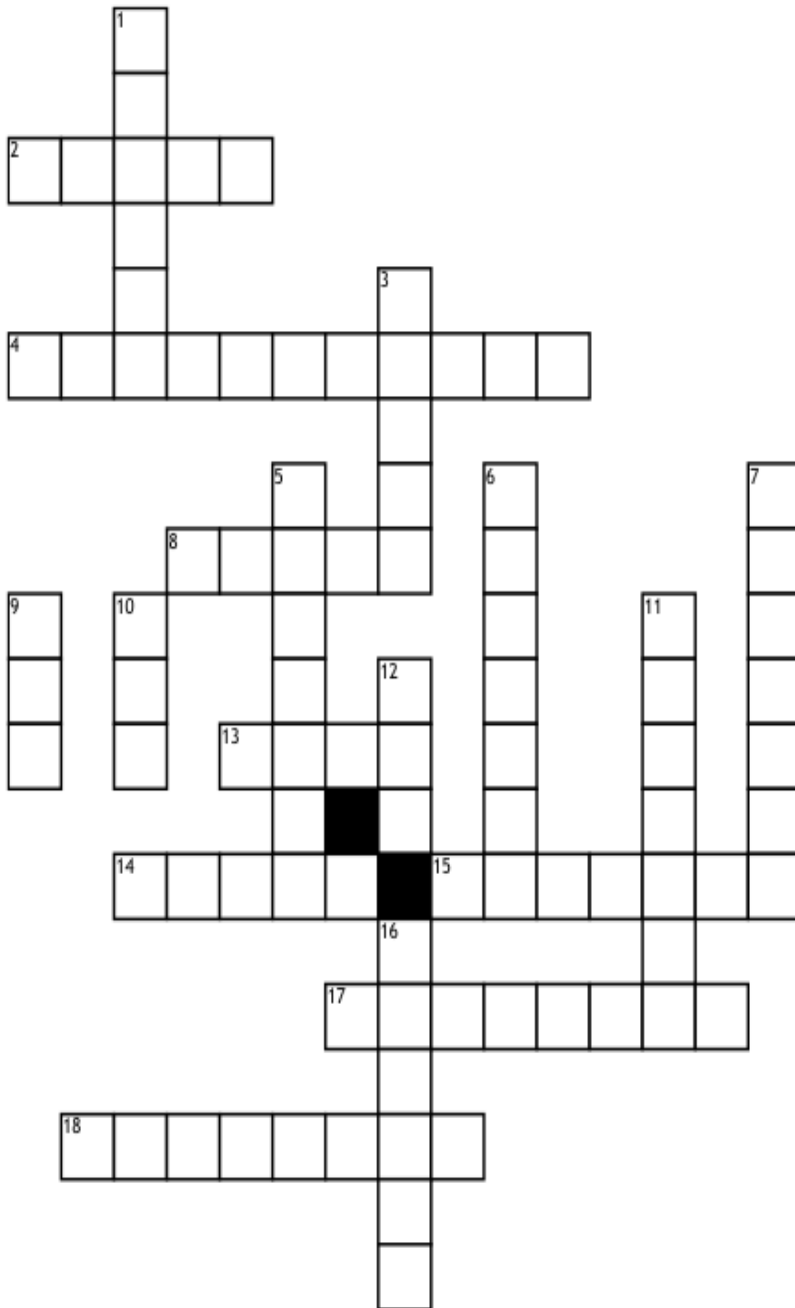*Rajeev Garden, Loni, GZB. 201102*

ENGLISH

1. Reading is one of the best ways to spend your summer vacation. It helps to increase the reading skills. So, read some good books of your interest and write about it in your English notebook.

2. Do you have any pet? A cat or a dog? How much time do you spend with your pet? Write 10 lines on yours pet and paste the picture also in A-4 sheets.

3. Write a paragraph on "Forest" in 70-80 words in A – 4 sheets.

4. Draw a flow chart of tenses and write the parts of speech in A – 4 sheets.

5. Revise chapter 1 & 2 of "English Skylights". Do Reading at least 15 minutes daily.

6. A. Collect the pictures of all nouns and paste on A-4 sheets and write their Name and type of the noun it is.

7. Using picture that is given below prepare a story.

COMPUTER

Note: Make A4 size coloured paper files for homework, make diagrams, and paste pictures also. Make colourful front page also.

1. Revision chapter 1 and 2.

2. Collect 5-5 input and output device, paste their pictures on A4 size paper. Write at least 3 facts about them.

3. Collect at least 10 browsers using internet, paste their pictures on A4 size paper. Write at least 3 facts about them.

Across

2. A set of facts or figures that can be displayed through a computer, especially in columns . (5)

4. The main circuit board of a computer that holds together many of hte important components of a computer. (11)

8. A small picture on a computer screen that represents a program or function that can be opened . (5)

13. These are on keyboard to help you enter information on the computer. (4)

14. A small device that is connected to a computer that you move with your hand to help you click on items on the computer screen. (5)

15. A machine that is used for printing documents, pictures etc . (7)

17. 1. the set of keys that are used to type words on a computer or typewriter . (8)

18. Where you can find the physical components of an electronic device. (8)
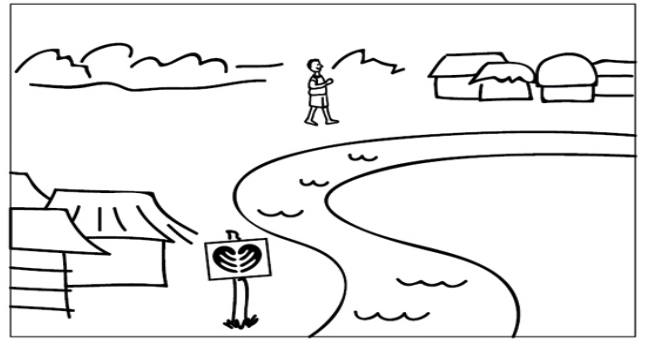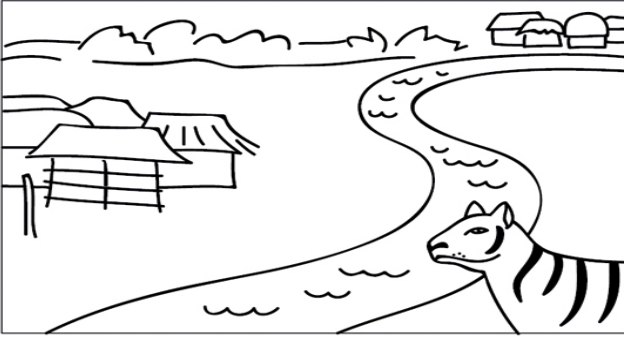
Down

1. Booting a computer system again usually due to a problem. (6)

3. A brief comment or explanation. (5)

5. A group of files or documents that are stored together by a title on your computer. (7)

6. A computer program where you can look up for information on the internet. (7)

7. An electronic device that can intensify speeches, music etc and made audible throughout a room,hall. (7)

9. An disk that contains usually a video recording or computer data. (3)

10. This is the component of a computer system that processes and exchanges data with the peripherals. (3)

11. A screen that displays an image that is being generated by a computer. (7)

12. A special kind of cord that enables you to connect a computer to another device. (3)

16. To look up something. (6)

हिंदी

1. शिक्षा के महत्व पर एक निबंध लिखिए

2. पृथ्वी के सात अज़ूबे के चित्र चिपकाकर उनके बारे में कम से कम 5-5 तथ्य लिखिए।

3. व्याकरण के पाठ-1,2 पूरा करें और याद भी करें।

4. 30-30 मुहारे लिखिए एंव वाक्य में प्रयोग कीजिए।

5. 30-30 पर्यायवाची शब्द लिखिए(तीन-तीन)

5. नीचे दी गई पिक्चर को देखकर कहानी लिखिए।

SCIENCE

1. Make a poster showing different types of pollution.

2. Take a paper. Maker a table of deficiency diseases showing the diseases, the Causes and the food we should eat avoid it.

3. Grow seeds of five different type of cereals or pulses in a pot and note down all information with diagram, from sowing to develop in small plants.

4. Make a useful thing by using waste material (But material should be BIODEGRADABLE.

5. List out 10 dishes with their photo also write the ingredients and state their sources.

6. Explain Rainwater harvesting or Water cycle by making well labelled diagram. 5. Separate a mixture of sand and water using sedimentation and decantation method. Write Aim and procedure with diagram.

ART

Do page 2,3 and 4 on A-4 sheet fill colour in it.
Make a Poster on Save Plants.
Make an awareness poster on Dowery System.
Make a craft from best out of waste which should be a useful or decorative item.

G.K.

1. Read newspaper and paste cut outs of 5 of each of the following on an A4 size sheet:
a) technology news
b) sports news
c) crosswords given in the newspaper
d) national news
e) international news
2. Revise and practice G.K. book's ch 1-20.
3. Draw and write 30 facts about following: -
      Taj Mahal, Lal Kila, Lotus temple
4. Make a chart showing Indian Nobel Prize Winner?
5. In an A4 sheet write the length of border with seven neighbouring countries of India?

MATHEMATICS

1. Learn and write tables 2 to 25, square 2-20, square root 1-15.
2. Revise mathematics ch 1, ch 2 and solve in A-4 sheet.
3. Write about any 10 mathematicians and also write their contribution in this field.
4. Construct angles of the following measures by using a protractor:
a) 90°
b) 60°
c) 135°
5. Construct a circle of radius 3.5cm.
6. Define:
a) Circumference of a circle
b) Sector of a circle
c) Secant of the circle
7. Fill in the blanks:

a) Diameter of a circle = 2 x _____.

b) _____ of the circle is a line in the plane of a circle that touches the circle at one and only one point.

c) The complementary angle of 63° is _____.

d) The supplementary angle of 590 is _____.

e) _____ is the longest chord of the circle.

f) The length of the semicircle is _____ the circumference of the circle.

8.   Make a grid of numbers from 1 to 100. On it, shade all the multiples of 6 by colour blue and all the multiples of 7 by colour yellow. Do this question on A4 paper. (The common multiples will be the one shaded both colours i.e. green. The highest common multiple will be the highest of these numbers.)
(From the table, we observe that 42 and 84 are common multiples of 6 and 7. The lowest common multiple is therefore 42.)

9. Make a wall clock using Roman Numerals. (Use ecofriendly material)

10. Make a short Formula Notebook. (Use A4 or A3 size pastel sheet)

ASSIGNMENT – 1 (NATURAL NUMBERS AND WHOLE NUMBERS)

1) Form the greatest eight digit number by using the digits by 3,8 and 7

2) Form the smallest eight digit number by using the digits 0,4,9

3) Form the greatest and the smallest nine digit number using any four digits with digit 5 at thousand place.

4) Find the sum of the number 765432 and the number obtained by reversing it.

5) From the sum of 36759201 and 25781090 subtract their difference.

6) Write Hindu Arabic numeral for

a) XLVIII   b) MCDXV   c) DCXXXIV

7) Write the Roman numeral for

a) 456   b) 961   c) 2435

8) Solve using distributive property

a) 472 × 1006   b) 4321 × 98

c) Solve using distributive property   532× 765 + 532 ×335 – 532 × 100

10) Find the value by rearranging the numbers suitably

a)   125 × 549 × 8   c) 439 + 362 + 561 + 638

b)   237 + 689 + 763 + 311   d) 16 × 125 × 625 × 8

ASSIGNMENT-2

Q 1 Find out the least possible missing digit in the place of *so that   (a) 39*6 is divisible by 3

(b) 12*2 is divisible by 4

(c) 4*16 is divisible by 8

Q2. Find the greatest number that can exactly divide 140,170and 155 leaving remainder 5 in each case.

Q3. Find the L.C.M 80,120,135 by common division method.

Q4. Find the smallest number which when divided by 25, 45 and 60 leaves remainder 5 in each case.

Q5. Circle the even numbers and cross the odd numbers from the following: 42 , 57, 20009 ,1118, 57453 , 92346

Q6. Are the following numbers prime or composite. Show by finding the factors.
a) 42   b) 31   c) 63   d) 99   e)23   f)115

Q7. Write down all the prime numbers between11 to 30.

Q8. List the factors of 18.

Q9. List the first five multiples of 19.

Q10. Which of the following are co-primes?
 a) 13 and 14   b) 8 and 20   c) 31 and 59   d) 34 and 85

Q11. Write any two pairs of co-prime numbers.

Q12. Is 3955 divisible by 5 by using divisibility tests. Q13. Pick out the numbers that are divisible by 4 and 8
 a) 4924   b)   63402

Q14. Test the following for the divisibility by 3 and 9
 a) 294414   b)   45404

Q15. Test the divisibility of 147246 by11.

Q16. Write the greatest 4 digit number. Express it as a product of primes. Q17. Find the HCF of 204,144 and 252 using continued division method.

Q18. Find the LCM of 10 and 25 using prime factorization method.

SOCIAL STUDY

1. चार्ट पेपर पर सौर मण्डल का चित्र बनाए मुख्य तथ्य भी लिखिए।

2. राज्य और केन्द्रशासित प्रदेश राज्यों की राजधानी,मुख्यमंत्री,मुख्य नृत्य, मुख्य खानों के बारे में लिखिए।

3. विभिन्न राज्यों में किये जाने वाले नृत्यों की पिक्चर चिपकाइए एंव नाम लिखिए

4. मात्र भाषा के अलावा देश में बोली जाने वाली भाषा के नाम की सूची तैयार कीजिए।

5. कक्षा में पढ़ाए गए सभी पाठों का अध्ययन कीजिए।

6. उत्तर प्रदेश के बारे महत्वपूर्ण सूचना एकत्रित करके साफ-सुथरें लेख में A-4 पेज पर लिखिए।
     नोटः- हाईलाइटर एंव स्केच पैन का भी प्रयोग कीजिए।

Let's be a Helping Hand

1: -This summer let's help the birds/animals by giving them food and water. Place two bowls, one for water and the other for food. Mark your observations. After few days you will notice that the birds and animals eagerly waiting for you and you too will feel very happy.

2: -Value Based

1)Greet the person who visits your house by saying Namaste/Assalamwalekum, Hello, etc.

2)Help your parents by doing small things like watering the plants, cleaning your bookshelf, keeping the things in proper places, etc.

3) Listen to your elders and obey them.

4) Spend quality time with your parents, grandparents, etc.

5)Be polite while talking to someone or while talking to someone over the phone.