

MANAV RACHNA INTERNATIONAL SCHOOL
SECTOR-14, FARIDABAD
SUMMER HOLIDAYS - HOME TASKS FOR STUDENTS
SESSION: 2021 – 2022
GRADE:VI

Dear Student and Parent,

With the pandemic surging and the summer temperature soaring high, the school has had to reschedule the summer vacations. Our hearts swell up with a spectrum of emotions as we know that you look forward to vacation time when you can relax, visit friends and family, travel to see places and basically chill out enjoying those little pleasures of life which get left behind during the busy school routine. However the pandemic has forced us all to stay indoors.

In the midst of every crisis, lies great opportunity. There is no question that we are amidst a global crisis but here's again an opportunity to rise and serve, to put your skills to use during these unprecedented times. With this thought in mind our teachers have planned for some exciting, interesting and varied activities specially designed to keep our students engaged during this summer break.

Each of the tasks primarily focuses on nurturing one's creative and innovative skills and to utilize this time in an imaginative and artistic manner with diverse thinking and approach. All works should be original and straight from the child's desk; we appreciate their innocence and their natural approach. We hope that our students enjoy attempting these tasks and will have a fruitful and well spent summer vacation.

We also encourage you to show 'Care and Concern' by staying indoors, looking after your parents, grandparents, elders and even younger siblings to do your little bit in these tough times.

Lastly let us remember... 'Nothing can dim the light that shines from within.' Maya Angelou.

Stay cheerful, stay healthy, stay safe.

Regards
Director Principal

ENGLISH:

TASK 1- We throw out so much rubbish or garbage every day from our homes, schools, shops and offices. The grains, pulses, biscuits, milk or oil purchased in shops, are packed in plastic bags or tins. All these wrapping materials go out as garbage. We sometimes buy things that are rarely used and often thrown into the garbage. This increasing waste and the resulting damage to the environment and surroundings has made us realize the error of our ways. So many individuals and organizations called **WASTE WARRIORS** have come up with innovative ideas to spread awareness about the crisis at hand. Reduce, reuse, and recycle is the motto that needs to be mantra of our lives. Imagine yourself to be such a Waste Warrior and record a video of yourself speaking about the uniqueness of your organization and what it plans to do to help reduce waste. Come up with innovative names for your organization.

(Some organizations for your reference are- SAHAS, RARE, WASTELESS, GREEN the MAP, SWACH, GreenTech Life etc. Search them on the web and take ideas from them for your own fight against waste.)

TASK 2- 3 MINUTE FAST WRITE

- Think of a popular story that you have heard. Could be a folk tale, a Panchtantra Story, an Aesop's Fable, a fairy tale, a Jataka Story etc. Make sure that it is a story that is popular and known to many.
- Set a timer for 3 minutes and write down everything that you can remember of the story- names of characters, qualities of characters, location of the story, words/phrases/events that you can recall from the story. Remember the time limit.
- Once done, look at the list that you now have in front of you. Use these words to create a new story. The names of characters and location will remain the same however the story must altogether be a new one.
- Record/Write the story and upload on Teams

हिंदी-

कक्षा में कराए गए सभी पाठों के लेखन कार्य को पूर्ण करें तथा सभी पाठों एवं व्याकरण विषयों का मौखिक तथा लिखित अभ्यास करें ।

बच्चों, जैसा कि हम सभी जानते हैं कि हमारी माँ, दादी, नानी हमेशा हमें फल - सब्जियाँ खाने के लिए कहती हैं। वे घर के सभी सदस्यों की सेहत का बहुत ध्यान रखती हैं।

- फल - सब्जियों से संबंधित एक कविता ढूँढिए अथवा स्वयं लिखिए ।
- अपने मित्रों से फलों तथा सब्जियों के विषय में बातचीत कीजिए इसे आठ -दस पंक्तियों के संवाद के रूप में लिखिए ।
- ग्रीष्म ऋतु के फलों व सब्जियों में पाए जाने वाले पोषक तत्वों तथा शरीर के लिए उनकी उपयोगिता पर हिंदी में लगभग पाँच मिनट का एक विडियो बनाएँ ।
- पता लगाइए- हमारे देश में कितने तरह की फल-सब्जियों की पैदावार होती है ।
- उपरोक्त कार्य के लिए अपनी कक्षा की उत्तर पुस्तिका का प्रयोग कीजिए ।

MATHS

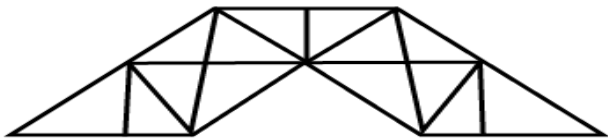
Holidays is the time to explore the world beyond textbooks and there is a mathematician within you all. Open your wings and explore the world unknown, unseen and undiscovered..... all the best!

Let the creative juices flow.....

Create a Mathematical Newspaper. Give it an interesting caption. Depict importance and application of mathematics in daily life with colourful pictures. Also add Sudokus, Vedic mathematics tricks, Logos (having geometrical shapes), puzzles, Bar graph and Pie Chart (how the company's depict information through it), any game involving mathematical operations. Where in you can include one page: What if Math Disappeared?—Ask your friends and family members to think about what their day would be like if they didn't have Math. How the world would change if Math did not exist. You can connect with people virtually and ask them about how Math is, in reality, used each day.

Let's do a small workout for mind.....

Q1.) Count the number of triangles in the given figure.

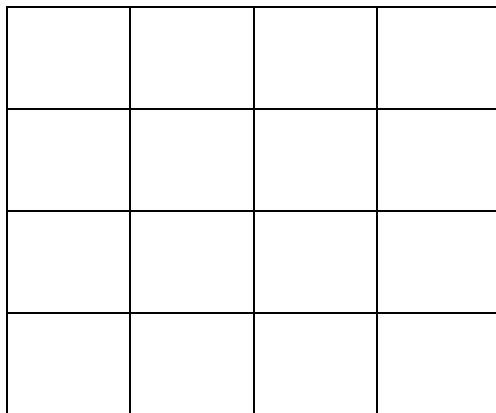


Q2.) What are the different whole numbers whose sum and product are equal?

$$A + B + C = D$$

$$A \times B \times C = D$$

Q3.) How many squares are there in the following figure?



Q4.) A turtle is at the bottom of a 12 foot well. Each day it crawls up 3 feet, but each night it slips back 2 feet. After how many days will the turtle reach the top of the well?

***Let's make writing of Formulae, laws, conversions and properties in each and every question a habit.**

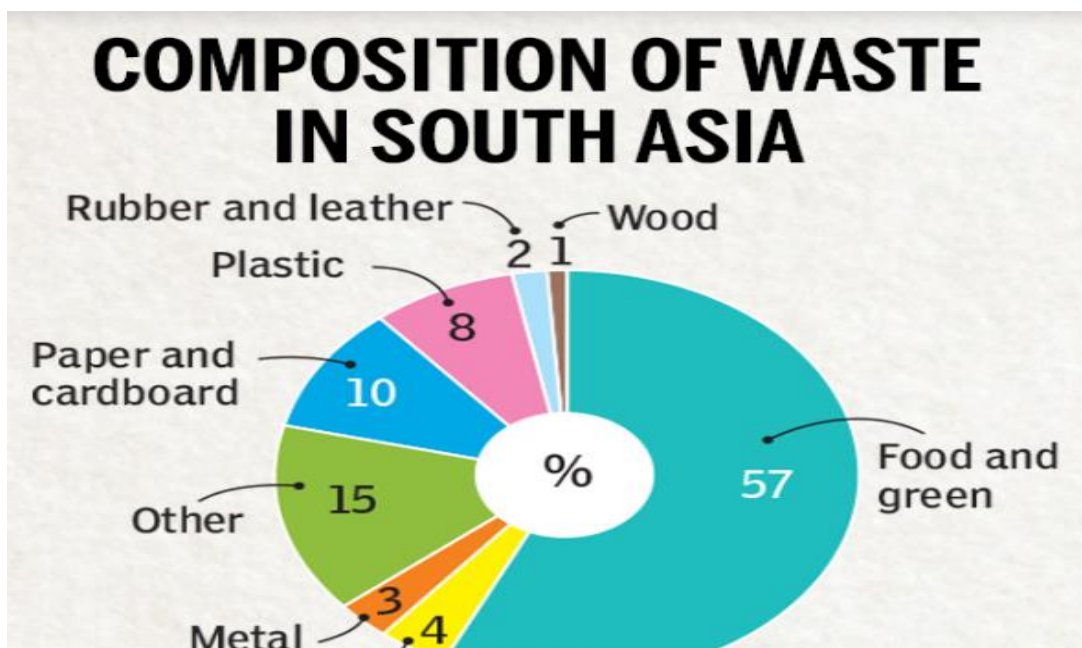
Multiple Choice Questions:

- Q1. A river has a total drainage area of 1824272 square Km. What is the value if you round it off to the nearest thousand
 (a) 1824272 (b) 1824000 (c) 1824300 (d) 1820000
- Q2. Some 11 billion liters of industrial waste and effluent is discharged back into the river each day. What is value of 11 billion liters
 (a) 11,00,000,000 liters (b) 1,00,000 liters (c) 110,000 liters (d) 11,000,000,000 liters
- Q3. In RPS society in FARIDABAD, daily 550 kg of green garbage is dumped into a pit for manufacturing manure, then the total garbage collected in 10 days is:
 (a) 1630 kg (b) 1550 kg (c) 5000 kg (d) 5500 kg
- Q4. There is a threat of waste to the environment, so while segregating 819,427,000 kg liquid waste, 491,891,000 kg organic waste, 189,656,721 kg recyclable wastage and 386,742,173 kg solid wastage is found. Arrange the above data in ascending order:
 (a) 189,656,721 kg ; 386,742,173 kg; 491,891,000 kg; 819,427,000 kg
 (b) 386,742,173 kg; 491,891,000 kg; 819,427,000 kg ; 189,656,721 kg
 (c) 189,656,721 kg ; 491,891,000 kg; 386,742,173 kg; 819,427,000 kg
 (d) 491,891,000 kg ; 189,656,721 kg ; 386,742,173 kg; ; 819,427,000 kg
- Q5. India is getting buried under mounds of garbage as the country has been generating more than 1.50 lakh metric tonne (MT) of solid waste every day. Worse - approximately 90 per cent (1,35,000 MT per day) of the total amount is collected waste. What is successor of 1.50 lakh tons
 (a) 1.49 lakh tons (b) 1.449 lakh tons (c) 1.51 lakh tons (d) 1.499 lakh tons
- Q 6. In a particular sector, Money spent on solid waste collection is Rs.5000, transportation is Rs.2000, treatment and disposal is Rs.20000 per day. Total money spent on solid waste is:
 (a) Rs. 27000 (b) Rs.22000 (c) Rs. 27500 (d) Rs.25000
- Following steps were taken by Grade 6 students of Manav Rachna International Schools to solve garbage problems**
- Q7. They donated clothes 432 kg, What is place value of 4 in 432 kg.
 (a) 40 (b) 4 (c) 400 (d) 0
- Q8. By reducing food wastage they save 1631kg wastage. Find successor of 1631 kg in Roman numeral
 (a) MDCXXII (b) DDVIIIIX (c) DMVXIX (d) MDC
- Q9. By saving left overs for the next day they save 3926 kg food. What is the correct number name of 3926?
 (a) Three thousand nine hundred twenty six (b) Thirty thousand nine hundred twenty six
 (c) Thirty nine thousand twenty six (d) Thirty thousand nine hundred twenty six
- Q10. Aman donated 100 green garbage container, Amita donated 250 yellow garbage container and Geetu donated 450 green garbage container. Total numbers of garbage container are:
 (a) 800 (b) 850 (c) 700 (d) 750
 and convert the Hindu Arabic Numbers into Roman Numeral. _____

Subjective type questions:

- Q11. Find the estimated difference of 43,209 and 3,479 by rounding off to the nearest hundreds?
- Q12. If in a railway station 200 plastic bottles are collected per day to be used for recycling find the number of bottles collected in month of April, and if the cost of each bottle when sold to a scrapper is Rs. 3 per bottle find the total money saved by selling the bottles.

- Q13. Each day, 4960987 **liters of waste water** from sewage, domestic and industrial sources are dumped directly into Mother Ganga. Insert commas suitably and express 4960987 in Indian system of numeration also write the number in expanded form
- Q14. Write an expression for the following using brackets and simplify
- Twenty times the difference of 1 thousand and its predecessor
 - 104 gm of dog food given daily to each dog .If there are 25 dogs in a pet care house find the total quantity of food required .Give the answer in Kg.
- Q15. For a solar power projects, the ministry has allotted Rs 76039567, as per government documents. Find the product of place value and face value of 3 in 76039567
- Q16. Worldwide, 13405 pieces of industrial plastic and 3908 of reusable pieces of plastic are dumped every day. Estimate $13405 + 3908$ by rounding off to nearest thousands to calculate the total.
- Q17. Data has been recorded for composition of waste in SOUTH ASIA. Read and answer the following questions:



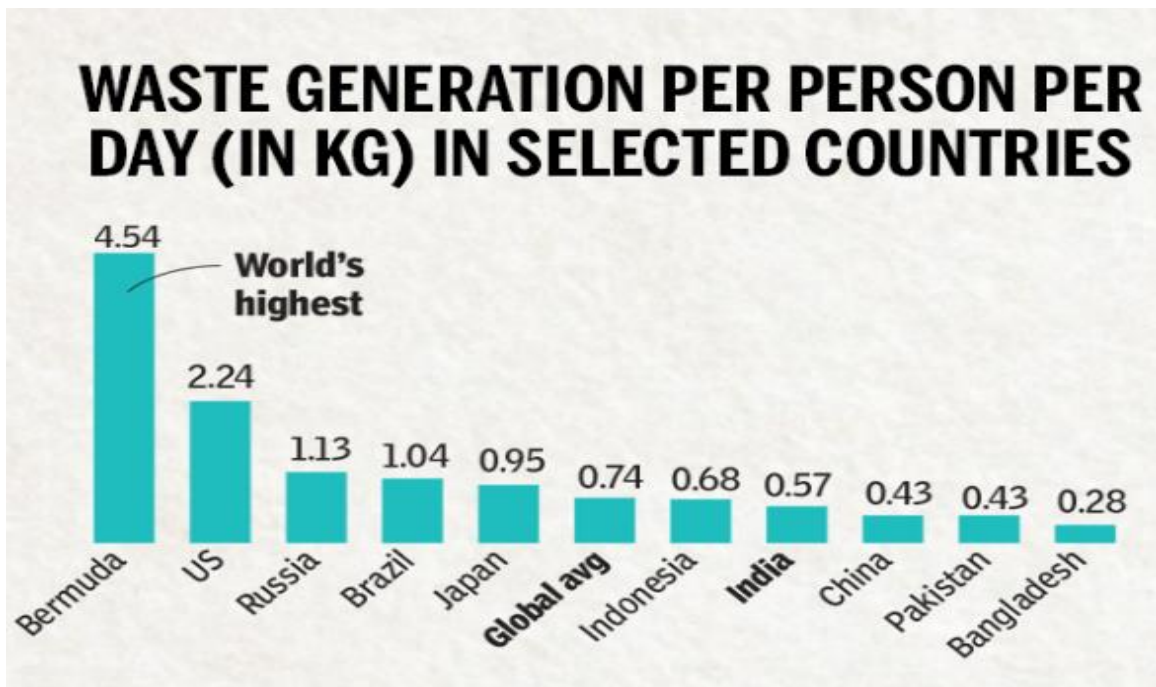
waste in South Asia?

(i) Which component has the largest % in composition of

(ii) Find the total composition of waste of rubber and leather plastics and paper and cardboard.

- Q18. Make the greatest and the smallest 4-digit numbers using any four different digits, with conditions as given. (Note: - the digits should not repeat.)
- Digit 5 is always at one's place
 - Digit 1 is always at tens place

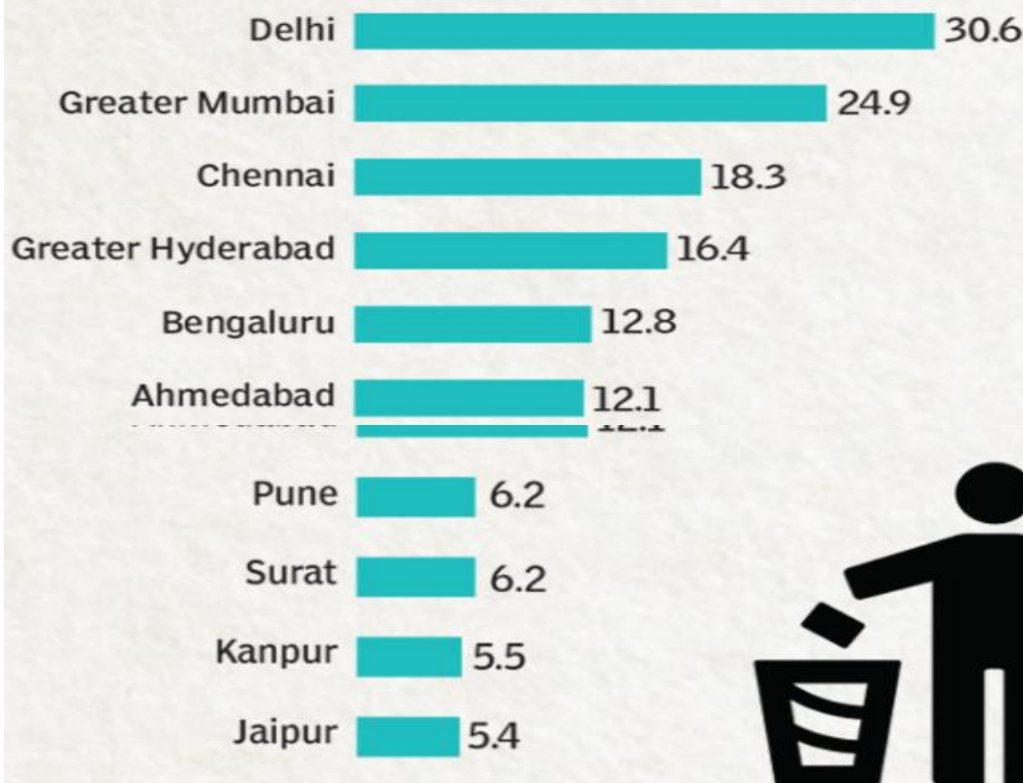
- Q19. Interchange the digits in hundreds and tens place in the number 54,150. Can you tell if the value of new number will increase or decrease and by how much?
- Q20. The town newspaper is published every day. One copy has 12 pages. Everyday 11,980 copies are printed. How many total pages are printed every day?
- Q21. The number of sheets made from recycled paper available for making notebooks is 75,000. Each sheet makes 8 pages of a notebook. Each notebook contains 200 pages. How many notebooks can be made from the paper available?
- Q22. A company recycles industrial waste weighing 2,48,690 kg each day . Find the amount of garbage recycled in 3 weeks?
- Q23. Data has been recorded for waste generation per person per day (in kg) in selected countries. Read and answer the following questions:



- (i) Find the difference of waste per person per day between world's highest waste generated country and India.
- (ii) Find the total waste generated by per person per day in US, CHINA AND PAKISTAN.
- Q24. A certain nine digit number has only ones in ones period, only twos in the thousands period and only threes in millions period. Write this number in words in the Indian system.
- Q25. Data has been recorded for waste generation annually in top 10 INDIAN cities (in lakh tons). Read and answer the following questions:

TOP 10 INDIAN CITIES FOR WASTE GENERATION ANNUALLY

(in lakh tonnes)



- In which city have the lowest per capita generators of wastage?
- Arrange the following data in ascending order of generators of waste.
- Which two cities have equal generators of wastage annually?

Revise the topics covered in the class and practice miscellaneous exercise

SCIENCE AND SOCIAL SCIENCE

Objective: Students will explore the rich culture and heritage of India by creating a travel brochure to showcase India as an interesting and attractive tourist destination.

Project/Assignment: Research, plan, design and create a travel brochure based on India and Indian heritage.

Brief:

India is a unique melting pot of diverse religions, customs and traditions that coexist and are reflective of the rich culture and heritage of the country. The incredible number of manmade monuments, natural formations, variety of habitats, and flora and fauna are ideal for tourism to thrive. Known as the land for spiritual seekers, it has an incredible number of places to visit and discover. Our cultural and national roots run deep and resonate in us. As tomorrow's torchbearers of all India stands for, it is our duty and responsibility to be acquainted with our rich and glorious culture.

To do this, we are going to make a travel brochure! See the link below to get an idea of the steps on how to make one:

<https://www.lucidpress.com/blog/how-to-make-a-travel-brochure-that-looks-stunning>

How to go about it:

1. Browse the links given below. Choose 6 – 8 destinations that you might want to include in your brochure.
<https://www.touropia.com/best-places-to-visit-in-india/>
<https://traveltriangle.com/blog/places-to-visit-in-india-before-you-turn-30/>
2. Research and gather some more information on these places that might be interesting to tourists. Make notes about your findings.
3. Organize your information in an easy-to-understand flow.
4. Plan and design the content and layout of your brochure. You can choose ONE of the options given below:
You can use the following link for a free template to create your brochure.
<https://www.lucidpress.com/pages/templates/brochures>
 - a. **You can browse the link for template ideas and create your brochure in hardcopy. Alternatively, you can use your imagination and create your brochure entirely on your own.**
 - b. **You can see some brochure layouts and designs here to spark your imagination:**
<https://in.pinterest.com/pin/206391595406916835/>
<https://designsmaz.com/travel-and-tourist-brochure-design-templates/>
5. Remember that it takes more than an eye-catching layout to make a good brochure. Given that travel brochures are for people unfamiliar with the area you are promoting, you will need to include important details as well.

Start by giving a brief summary introducing the country.

(Social Science portion):

- ✓ **Location of each place you have shortlisted (show on map)**
- ✓ **Historical importance**
- ✓ **Popular/Historic landmarks**
- ✓ **Recreation and outdoor activities**
- ✓ **Popular and offbeat entertainment**
- ✓ **Festivals**
- ✓ **Museums, theaters, places to visit**
- ✓ **Languages and local dialects**
- ✓ **Places to stay**

(Science portion):

- ✓ **Climate and expected weather conditions by month**
- ✓ **Clothing guidelines (include what type of fabric)**
- ✓ **Stone that monuments are made of in the location**
- ✓ **Information on flora, fauna, and habitats**
- ✓ **Transportation and fares**
- ✓ **Unique food and its features**

✓ Trivia

Don't forget to have loads of fun while completing your assignment.

SANSKRIT

प्रश्न 1- अपनी पाठ्य पुस्तक से प्रतिदिन एक पृष्ठ का उच्चारण कीजिए।

प्रश्न 2- “पाँच पुल्लिंग, पाँच स्त्रीलिंग,” शब्द लिखकर उनका वर्ण विच्छेद-कीजिए।

प्रश्न 3 – संस्कृत में अनुवाद कीजिए।

(क) राम जाता है। -

(ख) तुम खेलते हो। -

(ग) तुम पढ़ते हो। -

|((I घ) मैं पढ़ता हूँ -

(ङ) वे सब हँसते हैं। -

|(च) मोहन लिखता है -

|(छ) तुम लिखते हो -

प्रश्न 4| रिक्त स्थान भरिए -

शब्द	एकवचन	द्विवचन	बहुवचन
फल	फलम्	_____	_____
सूर्य	_____	सूर्यौ	_____
कोकिला	_____	_____	कोकिलाः
जनक	जनकः	_____	_____
वस्त्र	_____	वस्त्रे	_____

प्रश्न 5 – वर्ण-संयोग कीजिए।

(क) आ + क् + आ + श् + अ =

(ख) क् + अ + व् + इ =

(ग) न् + अ + द् + ई =

(घ) म् + आ + त् + ऋ =

(ङ) र् + आ + ज् + अ + न् =

FRENCH

THEME: Fun with Emojis


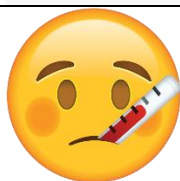
Remember to follow all the points: -

Step 1: Students will make a collage of 10 emoji (paste or draw) on A4 size sheet or in your French notebook and the same to be uploaded as assignment on Teams.

Step 2: For each emoji, write 10 salutations (greetings) in French and English.

Step 3: Make it creative and presentable.

Exemple-

	<i>Ça va bien , merci.</i>	<i>(I am fine , thank you)</i>
	<i>Ça va mal.</i>	<i>(I am not well)</i>

SPANISH

1. Make a comic strip. Create your own cartoon characters. Think of a short amusing tale featuring a joke for your comic. Create a funny name for your comic. Use very simple vocabulary, regular verbs and only present tense.

2. Find 10 facts about Spain and write in your notebook.

Enjoy! Stay Safe, Stay Healthy