



**RAMAGYA SCHOOL, NOIDA**  
**VACATION ENRICHMENT PROGRAMME, 2018-19**  
**CLASS- VI**

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***Dear Parent  
Greetings!***

***“When I discover who I am, I’ll be free.” - — Ralph Ellison,***

***Summer Vacation is the time to relax, to enjoy, to be with the world and to be with ‘our own self’.***

***During the vacation share your experiences with your child, motivate your child to be aware about his/her surroundings and most importantly ask him/her to look deep into himself/herself and explore. Let the child develop the habit of seeking his/her own approval before doing any task and judge for himself/ herself what is right or wrong.***

***The more he/she would set his/ her own parameters of judgement, the more just & forgiving he/she would become.***

***Daily present an interesting challenge before your child and ask him/ her to provide a novel solution to it. Spend time with your child, motivate him/her, guide him/her and see him/her blossom with your love and support. Help your child in setting his/her aim, in learning a new skill and caring for elders in the family as well as in the society and be grateful to God for all that he/ she has.***

***Enjoy your child’s Summer Vacation and see a child grow into a righteous citizen!***

***Principal***

### **General Instructions:**

- 1) Revise Periodic Test 1 Syllabus.
- 2) Don't bring Home Work on the first day of reopening of the school. The dates for bringing the home work will be intimated later.
- 3) Revision worksheets should be done in the respective subject notebooks and are compulsory for all students.
- 4) Use Eco Friendly material only for making models.
- 5) Read for at least an hour daily - English Newspaper / Books of famous authors/ Autobiography of a famous personality
- 6) Spend quality time with your parents – go for a walk daily, play any outdoor sport, go for picnics/outstation trips
- 7) Maintain a personal Diary – write your daily experiences in it (for at least 20 days)
- 8) Learn at least one new skill to boost your confidence.
- 9) Serve the Community by – teaching a skill to an under privileged child, visiting the Old Age Home/ Orphanage (with your family) and spending time with the inmates, giving free tuitions to the children of your maid, keeping your surroundings clean, keeping water/food for the birds & animals etc.
- 10) Spend time with your grandparents & other family members or call them up to exchange pleasantries.

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## **ENGLISH**

I. Imagine you are a reporter who has got the golden opportunity to interview Tenzing Norgay, the Nepalese Sherpa who conquered the summit of Mt. Everest, the world's tallest mountain, with Edmund Hillary in 1953.

Write the interview (both your questions and his answers), with 10-15 questions.

*(This project will be evaluated as the SEA for July and marked out of 5.)*

II. Prepare the Conversation Topic :

Weave a story:--- At beach you find a special seashell.....

III. Make a calendar for the year 2018 depicting extinct or endangered animals of 12 different countries.

- Paste their pictures
- Write a few facts about them.
- Mention the reasons for their extinction.

- Suggest few measures by which the endangered species can be stopped from extinction.

## HINDI

- 1. देशभक्ति से संबंधित कोई एक कविता याद करें |
- 2. 'जलसंरक्षण', 'वृक्षबचाओ' से संबंधित पोस्टर बनाएँ |
- 3. 'एकतामेंताकतहै' विषय पर एक अनुच्छेद लिखिए |

## MATHEMATICS

### Projects

Roll No 1 - 15 ----- Project on Test of divisibility rules

Suggested Reading: <https://prezi.com/m/ik9fusq5ougx/divisibility-tests/>

Roll No 16 - 30 ----- Project on Factors and Multiples

Suggested Reading: <http://map.mathshell.org/lessons.php?unit=6110&collection=8&redir=1>

### SEA

1) Roll No 1 - 15 ----- Model of "Real Number House" on Real Numbers

Suggested Reading/Video: <https://www.youtube.com/watch?v=q92Dl3peGhA>

2) Roll No 16 - 30 ----- Model on various 3D shapes

Suggested Reading/video: <https://youtu.be/3Wfu49iw8F0>

## SOCIAL SCIENCE

I. Make a model as per your roll no.

Roll no 1 to 10 : solar system

Roll no 11 to 20 : volcano ( showing eruption)

Roll no 21 onwards : globe( showing important lines of latitudes and longitudes.)

## SCIENCE

### ➤ STILL PROJECTS

- 1. Prepare healthy diet pyramid. (1-10 roll no.)
- 2. Prepare a chart showing nutrients function and deficiency symptoms (11-20 roll no.)
- 3. Make a pinhole camera (21-30 roll no.)

### ➤ WORKING MODELS

- 4. Yarn Making Charka (1-6 roll no.)
- 5. Make Your Own Sorting Machine: -using techniques of sedimentation, filtration and sieving.  
(7-12 roll no.)
- 6. Make 3 D model of phases of moon (13-18 roll no.)

- 7.Build an Eclipse Mode (3D model) (19-24 roll no.)
- 8. Make a model showing that light travels in a Straight Line. (25-30 roll no.)

Projects should include a file report with-principle, material used and working of the model

## COMPUTER

1. Draw flowcharts and write algorithms for the following:
  - a. Input two numbers. Find and display their Sum and Product
  - b. Input Cost Price and Selling Price and find if it is a profit for the user or not based on the values of CP and SP
  - c. Input a number and check if it is Even or Odd
  - d. Input Length and Breadth and print if it is a Square or a Rectangle based on the dimensions
  - e. Input a number and check if it is Positive, Negative or Neutral
2. Download the software "Pencil Project" from the link :<https://pencil.evolus.vn/>
  - a. Click on "Create new Document".
  - b. Click on the Shapes Tab on the left pane
  - c. Click on Common Shapes. Use these shapes to draw all the above flowcharts in this software

Save the file.

Take print out and paste in Notebook.

## संस्कृत

- 1 10 पशुओं तथा 10 फलोंके नामचित्रसहितसंस्कृतमेंलिखेंवस्मरणकरें।
- 2 अकारान्त, आकारान्त, इकारान्त, ईकारान्त, उकारान्त, ऊकारान्त, तथाऋकारान्तपाँच- पाँच शब्द तालिका बनाकर लिखें।
- 3 निम्नलिखितश्लोकोंकोकंठस्थकरें।
  - (i) विद्या ददाति विनयं विनया द्याति पात्रताम्।  
पात्रत्वाद्धनमाप्नोति धनाद्धर्मततस्सुखम्॥
  - (ii) नचौरहार्यं नचराजहार्यं, नभ्रातृभाज्यं नचभारकारि।  
व्ययकृते वर्धते एव नित्यं, विद्याधनं सर्वधनप्रधानम्॥
  - (iii) विद्याबन्धुजनो विदेशगमने, विद्यापरंदैवतम्।  
विद्याराजसुपूज्यते, नहि धनं, विद्याविहीनः पशुः॥

## ART & CRAFT

Make a file folder of hand-made paper to put important circular and assignments in school. Be innovative and write a caption related to 'Protection of Wild Life' outside the folder.

**RAMAGYA SCHOOL, NOIDA**  
**RECAP WORKSHEET, 2018-19**  
**SUBJECT: ENGLISH**

**CLASS: VI**

**MONTH: APRIL & MAY**

**I. Read the passage given below and answer the questions that follow.(Application based)**

When Mr. Jones went to a restaurant one day, he left his coat near the door. There was nothing in the pockets of the coat when he left it, so he was very surprised when he took his coat after his meal and found the pockets full of jewellery!

There was a waiter near the door, so Mr. Jones said to him, "Somebody has made a mistake. He has put jewellery in my coat. Take it and when he comes back, give it to him". The waiter took it and went away. Suddenly another man came in with a coat just like Mr. Jones' coat. "I am sorry", said the man, "I made a mistake. I took your coat and you have got mine. Please give me my coat and jewellery." Mr. Jones answered, "I gave the jewellery to the waiter. He will give it to you."

Mr. Jones called the manager of the restaurant: but the manager said, "We have no waiters here. We have only waitresses." "You gave the jewellery to a thief!" shouted the other man. "I shall send for the police!" Mr. Jones was frightened and paid the man a lot of money for the jewellery.

- a. Give the reason for Mr. Jones' surprise after his meal.
- b. Mr. Jones was an honest person. Do you agree? How do you know?
- c. The whole confusion was the result of one mistake. What was the mistake and who made it?
- d. When did Mr. Jones know that he was in trouble?
- e. What did Mr. Jones do to save himself?
- f. Give the opposites of:
  - full
  - far

**II. Rakesh had the following conversation with Mohit, a friend of his elder brother. As Rakesh had to leave for his coaching classes, he has to leave a message for Rahul. Write the message on his behalf in not more than 50 words. Put the message in a box.(Application based)**

Mohit:Hello! Is this 23965689?

Rakesh:Yes, please. May I know who's speaking please?

Mohit:May I talk to Rahul please? I am his friend.

Rakesh:Oh! Sorry. In fact Rahul isn't at home. He will be back in an hour. By the way, I am his brother. Can I do anything for you?

Mohit:Oh, sure! In fact, I have message for Rahul. Could you please tell him?

Rakesh:Sure, with pleasure! Tell me please.

Mohit:Today, we have planned to go to a movie at PVR Saket in the evening. We have booked the tickets in advance. So, please ask Rahul to join us at 5.00 p.m at The PVR.

Rakesh: Okay. I'll inform him as he comes back.

**III. Identify the subject and predicate in the following sentences. (Concept based)**

- a. The birds are singing merrily.
- b. With those innocent faces, children are adorable.

- c. Are you well?
- d. Sonu is a tall boy.
- e. Please bring me a glass of water.

**IV. Identify the cases of the underlined nouns in these sentences. (Concept based)**

- a. Mr. Sharma is an engineer.
- b. The children are playing with their toys.
- c. Ramya's dress is very pretty.
- d. The woodcutter cut tree with the axe.
- e. Ravi's sister is my classmate.

**V. Fill in the blanks by forming nouns from words given in the brackets: (Application based)**

- a. His \_\_\_\_\_ surprised me. (wise)
- b. The soldiers displayed immense \_\_\_\_\_. (brave)
- c. The \_\_\_\_\_ of a person lies in his character. (strong)
- d. \_\_\_\_\_ is not a good quality. (lazy)
- e. \_\_\_\_\_ is the best policy. (honest)

**VI. Rewrite the following sentences by changing the number of nouns. Make other changes in the sentences as deemed necessary. (Application based)**

- a. The goose is swimming in the lake.
- b. Those children are ours.
- c. The teacher at my school is very talented.
- d. The sheep is grazing in the meadow.
- e. The lion hunts deer.

**VII. Rewrite the following sentences by changing the gender of the nouns. (Concept based)**

- a. My grandmother gifted me a horse.
- b. Brother's son is called nephew.
- c. The bride reached the wedding venue late because of a traffic jam.
- d. The Duchess of Yorkshire is a wonderful hostess.
- e. The fox is a very cunning animal.

**VIII. Answer the following questions with reference to context. (Concept based)**

'Then, he asked us a question, "Can you tell me where the bird's engine is and how it is powered?" We knew the answer to that question.'

- a. Name the chapter and its writer.
- b. Who is 'he' in the above extract? Give the name of that person.
- c. What did 'he' do before asking the question?

**IX. Answer the following questions in about 30-40 words. (Concept based)**

- a. What was Dr. Kalam's teacher concerned about?
- b. The author of 'A Passage through Youth' says, "We were proud of our shared secret." What secret did the eleven boys and girls share?
- c. In the poem 'Problem Solving', what was the easy way that Jack had found to solve the sum?
- d. In the chapter 'A Passage through Youth', why was the snowfall particularly exciting for the author and his friends? How did they enjoy it?
- e. Why did Dr. Kalam's teacher take the whole class to the seashore?

**X. Answer the following questions in about 60-80 words.**

- a. Do you think getting others to solve your problems is right? Give reasons for your answer. **(Value based)**
- b. As a student, are you allowed to ask questions in your class? How does it help you? **(HOTS)**
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**RAMAGYA SCHOOL, NOIDA**  
**RECAP WORKSHEET, 2018-19**  
**SUBJECT: MATHEMATICS**

**CLASS: VI**

**MONTH: APRIL & MAY**

**(Concept based)**

1. Write the greatest 7 digit number having four different digits.
2. Write the following numbers in expanded form: (a) 5,82,60,356 (b) 53,20,021
3. Add and give the approximate value in thousand: (a) 7006 – 3864 (b) 7743 – 2167
4. How many million makes a billion?
5. Write the equivalent Roman numbers of the following: (a) 84 (b) 132
6. Is 7938 divisible by 6? Give reason.
7. Arrange in ascending order: 2,22,774; 3,95,814; 2,87,944; 3,65,334.
8. How many prime numbers are there between 1 and 20?

**(Application based)**

9. Find the difference between the place value and face value of the digit 9 in 459326.
10. Divide the sum of 12 and 6 by the difference of 6 and 3.
11. Find the HCF of the numbers by prime factorization: 12, 16
12. Write greatest 5-digit number having three different digits.
13. Simplify:  $20 - 2(5 - 4) \times \{3 - (5 - 3)\}$
14. Write all the 3-digit numbers that can be formed using the digits 7, 8 and 9 without repetition of digits.

**(HOTS)**

15. A pharmaceutical company produces 24,800 capsules of a particular medicine in a day. The company packs 800 capsules in a small container and charges Rs. 400 per container. If all the capsules produced on a particular day are sold, what will be the collection in terms of rupees?
16. A truck carries 65 boxes. Each of these boxes contains 80 smaller packages. Each of these smaller packages contains 15 toy soldiers. How many toy soldiers are being carried in the truck?
17.  $72a34$  is a number in which one of the digits is "a". If the number is exactly divisible by 9, what is the numerical value of "a"?
18. There are 36 square tables. They can be arranged in multiple ways. If the tables are to be arranged in a rectangular shape, how many such arrangements are possible?

**(Value based)**

19. A potter made 4080 diyas in the month of September. If he made the same number of diyas each day, how many diyas did he make in a week?

20. During the launch of a new book, the publisher gave away 30 copies of the book as complimentary copies to the VIP's who were present at the launch and sold the remaining at a cost of Rs. 500 each. If the total collection on that day was Rs. 7,35,000, how many books were given out on that day?

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**RAMAGYA SCHOOL, NOIDA**  
**RECAP WORKSHEET, 2018-2019**  
**SUBJECT: SCIENCE**

**CLASS: VI**

**MONTH: APRIL & MAY**

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**Concept and understanding**

- 1) Milk is a .....product.
- 2) Human beings eat plant products as well as animals, so they are .....
- 3) Animal fibres are .....and .....
- 4) A falling stone exhibits following motion.....
- 5) 1 Metre is .....mm.
- 6) Tigers eat only meat, so it is a .....
- 7) Every measurement consists of a number and a .....
- 8) The length of a forearm from elbow to finger tips is called.....
- 9) Common name of coconut fibre is .....
- 10) Which of the two are stronger: Natural fibre or synthetic fibres.
- 11) In which region was the cotton crop was grown in India in early days.
- 12) What is sprouting?
- 13) What is food ? give five examples of food.
- 14) Name the insect that make honey and how do they make honey?
- 15) What are omnivores? Write 5 name of omnivore animals.
- 16) Given examples of food producers.
- 17) What is ginning and how it is done?
- 18) What is periodic motion? State two examples of periodic motions.
- 19) Name the major ingredients of idli
- 20) Name two plants whose stems are used as food.
- 21) What is meant by natural fibre and synthetic fibre? Give two examples of each.

## Application

22) What is meant by standard unit of measurement? Why is it necessary to have standard unit of measurement? Name the SI unit of length.

23) State whether the statement is true or false. Give reason why.

a) Length of a curved line cannot be measured by a meter scale directly.

24) Which term in the following include other three.

Kingfisher, Dragon fly, Carnivore, Snake

25) Explain why hands span cannot be used as a standard unit of length?

26) Write the abbreviations of the following units.

a) Millimetre b) Metre

27) Name the most common food items provided by the following animals:

a) Cow b) Hen c) Bees d) Goat e) Camel

28) Name three devices for making yarn from fabric.

29) Name two processes by which fabric can be made from yarn.

30) What is loom? For what purpose it is used? What is the difference between handloom and power loom?

## HOTS

31) The length of a book rack is 2.15 metres. Express this length in centimetres and millimetres.

32) A 30 cm scale has broken end. The mark at the broken end is 1.6 cm.

a) Which mark of this scale will you use for measuring the length of an object?

b) How much will you subtract from the scale reading at the other end of the object to get the correct length?

33) Material P obtained from an animal skin is converted into Q by a process R. Q is then made into a sweater by a technique S. What are P, Q, R, S?

34) There are two pieces of fibres namely A and B. Both of these fibres are subjected to burning test, one by one. Fabric A burns by giving the smell of charred meat whereas other fabric B burns by giving the smell of burning plastic.

a) Identify which fabric is made up of nylon and which is made up of silk. Give reason.

35) Green plants make their own food by the process which involves combining water, Carbon dioxide and energy.

a) What is the name of the process?

b) From where green plants get carbon dioxide for making food.

c) From where green part get energy to make food.

d) What name is given to green plants which make their own food.

**RAMAGYA SCHOOL, NOIDA**  
**RECAP WORKSHEET, 2018-2019**  
**SUBJECT: SOCIAL SCIENCE**

**CLASS:VI**

**MONTH:APRIL & MAY**

**Write the answers of the following questions:**

**CONCEPT BASED**

- Q1. Why do we study the past?  
Q2. What is solar system?  
Q3. What is meant by a secular state?  
Q4. Describe any one form of diversity in India.  
Q5. List three ways in which early humans used fire.

**APPLICATION BASED**

- Q6. Explain the positive effects of diversity.  
Q7. How are manuscripts different from inscriptions?  
Q8. How the waxing phase of the moon is different from the waning phase?  
Q9. Diversity teaches us to be respectful and open minded. Explain.

**VALUE BASED**

- Q10. A new student is admitted in your class and he/she is facing language problem. How will you help him/her to co-up in studies?  
Q11. "So many festivals are celebrated in our country". What actually these festivals teach you?

**HOTS**

- Q12. Why the meteors are called shooting stars?  
Q13. How can you contribute in making India a united nation?

रामाज्ञा स्कूल नोएडा

संस्कृत कार्यपत्रक (२०१८-१९ )

कक्षा -षट्

अप्रैल, मई

पठित बोधनम्

प्रश्न 1 निम्नलिखित शब्दों के अर्थ लिखिए ।

(क) कृषकः \_\_\_\_\_ (ख) मूषकः \_\_\_\_\_ (ग) शुकः \_\_\_\_\_  
(घ) कोकिला \_\_\_\_\_ (ङ) वर्तिका \_\_\_\_\_ (च) कन्दुकं \_\_\_\_\_

प्रश्न 2 स्त्रीलिंग , पुल्लिंग व नपुंसकलिंग शब्दों को अलग-अलग करके लिखिए ।

मेघः, मधुमक्षिका, कलिका, कन्दुकं, वस्त्रं, वृक्षः, सरिता, वसुधा, गजः, कमलम्,  
कुक्कुरः, चक्रम्, अश्वः, चटका, आभूषणम् ।

स्त्रीलिङ्गम्	पुल्लिङ्गम्	नपुंसकलिङ्गम्

प्रश्न 3 ह्रस्व, दीर्घ, तथा संयुक्त स्वर अलग-अलग कीजिए ।

अ, इ, ओ, ई, ऐ, ऋ, आ, उ, ए, औ ऊ ।

ह्रस्व स्वर	दीर्घ स्वर	संयुक्त स्वर

प्रश्न 4 एकवचन, द्विवचन, बहुवचन शब्दों को अलग-अलग करके लिखिए ।

गायिके, नरः, दीपाः, सैनिकाः, रजकौ, लताः, सरोवरः, गजाः, वस्त्राणि, जलपोते,  
द्विचक्रिका, पुस्तके, बालौ छात्रा, फलम्

एकवचनम्	द्विवचनम्	बहुवचनम्

प्रश्न 5 स्पर्श, अन्तःस्थ, ऊष्म व्यंजन अलग-अलग लिखिए ।

प्, श्, द्, य्, ह्, म्, च्, स्, ल्, ष्, र्, व्

स्पर्श व्यंजन	अन्तःस्थ व्यंजन	ऊष्म व्यंजन

प्रश्न 6 वर्ण-विच्छेदम् कुरुत । (वर्ण - विच्छेद कीजिए । )

(क) चित्र - \_\_\_\_\_

(ख) अक्षय - \_\_\_\_\_

(ग) प्रणाम - \_\_\_\_\_

(घ) न्याय - \_\_\_\_\_

प्रश्न 7 वर्ण-संयोगं कुरुत । (वर्ण -विच्छेद कीजिए । )

(क) प्+र्+अ+ग्+अ+त्+ई = \_\_\_\_\_

(ख) उ+द्+य्+आ+न्+अ+म्+अ = \_\_\_\_\_

(ग) प्+अ+र्+व्+अ+त्+अ = \_\_\_\_\_

प्रश्न 8 धातुरूपों को अर्थों के साथ मिलाइए ।

धातुरूपः

अर्थः

(क) पश्यति

बोलता है

(ख) वदति

देखता है

(ग) भ्रमति

खेलता है

(घ) क्रीडति

घूमता है

प्रश्न 10 रिक्त स्थानों को पूरा कीजिए ।

एकवचनम्

द्विवचनम्

बहुवचनम्

मयूरः

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

लते

\_\_\_\_\_

फलम्

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फलानि





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