

D.A.V. CENTENARY PUBLIC SCHOOL

SECTOR-6, BAHADURGARH

Session (2024-25) Class- VII



“A vacation offers you the chance to revitalise and renew your mind and body. Vacations offer us a change of scenery, a thrill, and a means of escaping routine and fatigue.”

By James Russell Lowell

Dear Students,

Warm Wishes!

We pray and wish the best of health and cheerful times to you. Vacations is a time that we all eagerly wait for. We all make plans to enjoy, to relax and to empower ourselves during these days. This summer vacation the holiday homework is designed for you all to achieve the motto of " Fun and Learn".

The activity based assignments will foster curiosity, develop creativity and instill the joy of learning among you all. So, make sure you extract the maximum benefit out of these holidays.

Summer Tips:

- ❖ Start your day with gratitude and prayers.
- ❖ Exercise daily and practice meditation.
- ❖ Assist your mother in household chores.
- ❖ Pledge for "Eat Right"- Less Sugar, Less Oil and Less Salt
- ❖ Wash hands frequently, especially before and after meals
- ❖ Read newspaper daily and stay updated with current affairs.
- ❖ Water the plants and rejoice the beauty of nature

GENERAL INSTRUCTIONS: -

Please follow the following instructions strictly while doing the holidays homework.

1. Holidays homework for each subject(English, Hindi, Maths, Science, S.St) should be done in an Assignment notebook for each subject individually.
2. G.K, Ved Path, Computer holidays homework is to be done in class copy only.
3. Please take care of Handwriting while doing the holidays homework.
4. Emphasis on Vocabulary during the vacations.

ENGLISH

1. Do practice questions of unseen passages in compacta module 1.(1to5)
2. Do practice questions of notice writing in compacta module.
3. Do practice questions of diary entry in compacta module (rol no. 1to5).
4. Elaborate the topic of sentence on A3 sheet. (roll no.1to10) .
5. Make a model on active and passive voice. (roll no.11 to20).
6. Create a memory book of the best moments of the summer break memories. Decorate your memory book with colourful cover. (roll no.21to30)
7. Read the famous book ' Oliver twist' by Charles Dickens. (roll no 31to40)
 - a. Write a short summary of the story in about 75 words.
 - b. Choose any 10 interesting adverbs from the story.
 - c. Find one synonym and one antonym for all 10 words.
 - d. Make meaningful sentences by using these 10 words.Present your work creatively.
8. Make a wall hanging on the topic" Parts of speech".(roll no 40 onwards)
9. Make two "Bookmarks" and make it look creative.
10. Make one paper bag and write a beautiful /motivational quote on it.

HINDI

अनुक्रमांक	विषय	
(1-12तक)	हिंदी विधाओं पर एक सुंदर सा पेड़ बनाइए।	https://youtube.com/shorts/B2yDiPgGSTI?feature=shared
(13-24तक)	मात्राओं की मशीन पर एक आकर्षित प्रोजेक्ट तैयार कीजिए।	https://youtu.be/Jv957XjZzuM?feature=shared
(25-36तक)	विलोम शब्दों का एक सुंदर चक्र तैयार कीजिए।	https://youtu.be/Q13yN8dOmKA?feature=shared
(37-50तक)	भारतीय ऋतुओं पर एक आकर्षक मॉडल तैयार कीजिए।	https://youtu.be/PtYHoLtvD4M?si=RXV3KVR4HwfvH-h0

Use above pictures and link for your reference.

*आपके मोहल्ले में आए दिन चोरियां हो रही हैं। इनकी रोकथाम के लिए थाना अध्यक्ष को गश्त बढ़ाने हेतु पत्र

लिखिए।

*अपने जन्म दिवस पर मित्र द्वारा भेजे गए उपहार के लिए धन्यवाद पत्र लिखिए

*दो मित्रों के बीच आने वाली छुट्टियों में कहीं बाहर घूमने चलने के लिए संवाद लिखिए।

*जैसी संगति बैठी है तैसी ही फल होए विषय पर 100 से 150 शब्दों में एक अनुच्छेद लिखिए।

*आपके स्कूल ने कश्मीर के सुंदर वादियों की सैर का आयोजन किया है। विद्यार्थियों तक इसकी जानकारी देने के लिए एक सूचना- पत्र तैयार कीजिए।

*अभी तक करवाए गए संपूर्ण पाठ्यक्रम का दोहरान कार्य कीजिए।

MATHS

1. Prepare the following on coloured A3 size sheet:

a) . Make a designer symmetrical pattern with the help of ink blot and paper folding

OR

b). Make a rangoli design with the help of different geometrical shapes

2. Revise the syllabus in practise register ,whatever has been covered till May 31, 2024

3. Learn tables from 2 to 25

4. Prepare the following according to your number

Roll No. 1 to 10

Prepare Frayer model related to

* exterior angle property

*Angle sum property

Roll No. 11 to 20

Prepare a model working related to Pythagoras theorem

Roll No. 21 to 30

Prepare a model related to Laws of exponent

Roll No. 31 to 40

Prepare a working model related Formulas of Mensuration

Roll No. 41 to 47

Prepare a working model for the formulas of profit and loss

Do in Assignment notebook

1. The sum of two rational numbers is -2. If one of the numbers is $-\frac{14}{5}$ find the other.

2.. The sum of two rational numbers is $-\frac{1}{2}$. If one of the numbers is $\frac{5}{6}$, find the other.

3. What number should be added to $-\frac{5}{8}$ so as to get $-\frac{3}{2}$?

4. What number should be added to -1 so as to get $\frac{5}{7}$?

5. What number should be subtracted from $-\frac{2}{3}$ to get $-\frac{1}{6}$?

6. The product of two rational numbers is -9. If one of the numbers is -12. find the other.

7. The product of two rational numbers is $-\frac{16}{9}$ If one of the numbers is $-\frac{4}{3}$ find the other.

8. By what rational number should we multiply $-\frac{15}{56}$ to get $-\frac{5}{7}$?

9. By what rational number should $-\frac{8}{39}$ be multiplied to obtain $\frac{1}{26}$?

10. Divide the sum of $\frac{13}{5}$ and $-\frac{12}{7}$ by the product of $-\frac{31}{7}$ and $\frac{1}{-2}$ *

11. Divide the sum of $\frac{65}{12}$ and $\frac{8}{3}$ their difference.

12. Find five rational number between $\frac{1}{4}$ and $\frac{1}{3}$.

SCIENCE

1. Explain 3 types of salt with one example each.

2. Write 4 types of reactions with equations.

3. Common names of some substance are given below find out the chemical formula and chemical names of these substances-

a)Caustic soda

b) Caustic potash

c) Washing soda

d)Limestone

e) Baking soda

f) Quick lime

g)Lime water

h) Plaster of Paris

i) Blue vitriol

4. Balance the equation :

a) $\text{Na} + \text{Cl} = 2 \text{NaCl}$

b) $\text{H}_2\text{SO}_4 + \text{NaOH} \rightarrow \text{Na}_2\text{SO}_4 + \text{H}_2\text{O}$

5. Take a blue litmus paper strip and take at least 2 acids, 2 bases and 2 salts which we use commonly in our daily life and check the colour change on-litmus paper strip and paste those strips in your notebook.

6. Write stepwise formula of calcium sulphate, magnesium hydroxide , aluminium chloride , zinc carbonate, copper acetate , ammonium sulphate, calcium nitrate .

7. Make a model of digestive system using clay and plasticine to make the organs and rubber pipes and ribbon to make the food pipe and small intestine.

8. Make a well labelled diagram of nutrition in amoeba on A4 size sheet using coloured paper cuttings or wool pieces etc.

9. Read and learn chapter 3 and 4 thoroughly from your books and notebooks.

10. Make any working model related to any topic in science like rumination, heart, parts of flower ,pollination ,types of soil ,lightning conductor,water cycle,rain water harvesting etc.

SOCIAL SCIENCE

1 Describe the different layers of the earth's interior.

2 What are continental glaciers and mountain glaciers explained with examples?

3 Why is conservation of soil important and suggest three different ways of soil conservation?

4 Define these terms:A) weathering

B) gradation

C) I shaped and v shaped valley

D) meander ,delta and glacier.

5 Collect pictures of the great monuments of North India and make a scrapbook with information about their location, special characteristics, modes of traveling to reach their famous handicraft etc.

6 On an outline map of India Mark the extent of the Rashtrakutas, .Palas , Pratiharas and Rajput kingdoms.

7 Collect the following information about your state.

Map of your state.

Name of the governor

Does it have a unicameral and bicameral legislature

Number of the members of legislative assembly.

Population of your state.

Name the chief minister of your state.

Prepare the following as per your roll number-

I. Roll no. (1-5) Pla Card on national symbols.

II. Roll no. (6-10) A working model on Day and night.

III. Roll no. (11-15) Model on different part of the earth.

IV. Roll no(16-20) Model on soil profile.

V. Roll no. (21-25) model on interior of earth.

VI. Roll no. (26-30) pie chart on composition of gases in our atmosphere.

VII. Roll no. (31-35) miniature of different types of bridges using ice cream sticks.

VIII. Roll no. (36-last roll no.) best out of waste.

SANSKRIT

सुरभि : 1. पाठ 1 बुद्धि एव अस्माकम् बलम् चित्रो द्वारा कहानी को चार्ट पर दर्शाए।

2. शब्द रूप -नदी ,साधु , अस्मद् , युष्मद् लिखें व याद करें ।

3. 1 से 20 तक संख्या चित्र सहित चार्ट पर लिखें । (roll no. 1 to 10)

4. उपपद विभक्त चित्रों द्वारा A3 शीट पर समझाए। (roll no. 11 to 20)

5. कोई एक प्रार्थना या कविता संस्कृत में A3 शीट पर लिखें।(roll no. 21 to 30)

6. विशेषण - विशेष्य का एक माडल बनाएं।(roll no. 31 to 40)

7. उपसर्ग - प्रत्ययों को वृक्ष बना कर क्रियात्मक कार्य द्वारा दर्शाए ।(roll no. 41 to last)

8. धातु रूप - नम् ,दृश ,स्था स्मृ , पांचों लकारों में लिखें व याद करें ।

9. पाठ 1 ,2 ,3 का अभ्यास याद करें । संख्या 21 से 40 तक लिखें।

GK

1. Make a chart on states and capitals of India. Make it look creative.
2. Read newspaper daily and write two headlines every day.
3. Revise page no. 1 to 30 of G.K. Book.

NAITIK SHIKSHA

1. चार्ट पर गायत्री मंत्र और उसका अर्थ आकर्षक रूप में लिखिए। (अनुक्रमांक 1 - 12)
2. आर्य समाज के दस नियम चार्ट पर लिखिए। (अनुक्रमांक 13 - 24)
3. स्वामी हंसराज जी का चित्र और उनके विषय में 10 पंक्तियाँ आकर्षक रूप में लिखें। (अनुक्रमांक 25 - 36)
4. चारों वेदों के नाम चार्ट पर आकर्षक रूप में लिखें। (अनुक्रमांक 37 - 48)
5. शांति पाठ और संचलन गीत का नित्य अभ्यास करें।
6. पाठ 1 से 5 अभ्यास सहित याद करें।

COMPUTER

1. Learn chapter 2: Scratch -1
2. Do the following questions in the fair scrap file.
 - a. What is scratch?
 - b. Why do we use scratch software?
 - c. From where can scratch be downloaded?
 - d. What is the extension of scratch?
 - e. Name and explain the different components of scratch screen.
 - f. What is animation? Name any 6 softwares which helps in applying animations.
 - g. Draw a table showing the different generations of computers.
 - h. Write a short note on ARPANET.
 - i. Write a short note on super computing.
 - j. Write all the full forms that came in chapter-1
3. Project work :(as per roll numbers)
 - 1-10 : Make a model showing all the computers that evolved in the first generation of computers. Also write the year of evolution and full form of each..
 - 11-20: Make a model showing all the computers that evolved in the second generation of computers.
 - 21-30: Make a model showing all the computers that evolved in the third generation of computers.
 - 31-40 : Make a model showing all the computers that evolved in the fourth generation of computers.
 - 41-last : Make a model showing all the computers that evolved in the fifth generation of computers.

DRAWING

1. Do page no. 1 to 5 in the drawing file.
2. Make a flower composition.
3. Make a village seen in A4 sheet.
4. Make a waste material craft (photo frame)