



Delhi Public School Gwalior

(Under the aegis of DPS Society, New Delhi)

Holiday Assignment

Class - VIII

Session (2024-25)



Dear Parents

Greetings of the day!

Vacations are the best time to relax and enjoy. Summer vacations are the reason behind fun in the sun, beach and shadow of the umbrella, but it is also the time to keep some analogy of academics alive in the fun to chisel the inherent potential inside your child. My suggestion to you is to spend these holidays being sociable and be vibrant in undertaking your plans so that the vacation is made purposeful.

To begin with, enhance every precious moment prudently by motivating your child to read informative and enlightening books. Help them improve their speech by conversing with them on every possible occasion and strop their vocabulary by providing them with new words. Spend substantial time visiting your kith and kin and people in your vicinity. Hold parley with your child on daily happenings and crucial world events as this is the best time to update, put forth your thoughts, notions and ideas before your ward and ask for an opinion, be a constant supporter of tolerance and disseminate it amongst people, teach your child to help and let him/her realize the meaning of real happiness and harmony and certainly root out all possible ill feelings and factions. Try being friendly and benevolent to all, let your child play the part in family reunions which will strengthen your family bond. Look out for the ways to abrade the plodding routine and take up some supportive vigorous activities with your child like swimming, cycling, jogging, painting or any other activity that your child enjoys.

It's your time to make every single moment eventful and memorable for your child and fill them with loads of experiences, which he/she eagerly wants to share with his/her pals and Educators when returned to School.

I wish you a pleasant vacation!

Regards

**Principal
Delhi Public School Gwalior**

ADD ONS TO MAKE YOUR VACATION MEANINGFUL !!

Childhood is a crucial stage of development. Most of life's important lessons are learnt here! Let us join hands and make sincere efforts to augment and hone the learning process of the child through inculcation of self learning and keen observation.

- * Let us attempt to enable them by allowing them to assume responsibilities of the routine household and shopping chores. (e.g.: laying the table, serving the guests, making their beds, buying groceries from the nearby stores etc.)
- * Let us make them aware about their social responsibilities which will transform them into a responsible citizen of our society. (e.g.: keeping the surroundings clean, make use of public litter bins, switching off lights / fans / closing the taps properly etc.)
- * They should be taught how to connect with Almighty God through prayers and meditation. (e.g.: daily prayers, thought of the day, meditate to improve the concentration etc.)
- * Socialize and connect with people, neighbours and relatives. (e.g.: meeting & greeting neighbours, helping the elderly around, be friendly to the peers etc.)

We wish all the great for your summer holiday time. May all the pleasure in the world embrace you, let your fun endless with friends and family.

Note : Kindly do all the Holiday Assignments neatly and submit it latest by July 10, 2024.

SUBJECT – ENGLISH

**"SUMMER IS A CANVAS, WAITING FOR YOUR STROKE,
WHERE ADVENTURE AWAITS AND NEW HORIZONS TO POKE."**

Dear Students,

As the summer sun beckons, it's time to unleash your creativity and embrace the boundless possibilities ahead. While holidays offer respite, they also serve as a canvas for exploration and growth. Let's dive into this season with enthusiasm and curiosity, ready to paint our own vibrant experiences.

Below, you'll find a range of engaging tasks to spark your imagination and keep your minds sharp during the break. Let's seize the moment and make this summer one of discovery and fulfillment!



1. Discover the fascinating back story and cultural significance of a global holiday. Present your findings in a multimedia presentation (e.g., PowerPoint, video).
2. Our school curriculum provides us with a 'Home Book' filled with fascinating passages and poems. Delve into the enriching content during your holiday break and complete the exercises provided in your Home Book for Chapter 2: 'The Commentator' and Chapter 3: 'A Robot in the House'.

**Stay Safe, Stay Healthy!
HAPPY HOLIDAYS**

Regards
English Educator

SUBJECT – HINDI

“राह संघर्ष की जो चलता है
वो ही संसार को बदलता है,
जिसने रातों से है जंग जीती,
सुबह सूर्य बनकर वही चमकता है।”

❖ यह ग्रीष्मावकाश का समय अपनी प्रतिभा को निखारने तथा अपनी क्षमताओं को बढ़ाने का समय है, यही वह समय है जिससे हम मुश्किलों से लड़ने और सूर्य बनकर चमकने के लिए तैयार हो जाएँ। तो आओ, कुछ नया करने के लिए आगे बढ़ते हैं। जहाँ लिखने से मात्राओं की शुद्धता बढ़ती है वहीं पढ़ने से विचारों व उनकी अभिव्यक्ति के रास्ते प्रशस्त होते हैं, ग्रीष्मावकाश अपनी क्षमताओं, प्रतिभाओं तथा आंतरिक गुणों को निखारने का समय है। अतः आपके भाषायी कौशलों की वृद्धि हेतु पढ़ने व लिखने हेतु गृहकार्य दिए जा रहे हैं जिन्हें समय पर व पूरी दक्षता के साथ आपको पूर्ण करना है।

❖ सामान्य निर्देश –

- विद्यालय खुलने के बाद एक सप्ताह के अंतर्गत अपना गृहकार्य जाँच हेतु अवश्य दें।
- गृहकार्य की जाँच आपकी रचनात्मकता, स्वच्छता, व्याकरणिक ज्ञान, प्रस्तुतीकरण एवं विषयवस्तु पर आधारित होगी व उसी के अनुसार आपको अंक दिए जाएँगे।
- लिखित कार्य के लिए आपके पास जो सामग्री (चार्ट पेपर, उत्तरपुस्तिका, रंगीन तथा सादा कागज़ A4 साइज़) उपलब्ध हो उन पर पूर्ण करें।
- चित्रों व सजावटी सामान का प्रयोग आवश्यकतानुसार करें।
- वीडियो बनाते समय अपने आस-पास के वातावरण, उपयुक्त वेश-भूषा, उचित प्रकाश-व्यवस्था आदि का ध्यान रखें तथा साथ ही अवांछनीय ध्वनि तथा अमर्यादित भाषा के प्रयोग से बचें। वीडियो की समय सीमा 1½ से 2 मिनट होनी चाहिए।

- 1) अपने शहर के दर्शनीय स्थलों में से अपने प्रिय स्थल का इतिहास व संपूर्ण जानकारी (क्षेत्रफल, निर्माण की अवधि, विशेषता) लिखिए।

अथवा

अपने दादा/दादी/नाना/नानी के साथ ग्रीष्मावकाश बिताइए व इनके जीवन के विभिन्न पड़ावों व उनके खटटे मीठे अनुभव (जन्म, परिवार, शिक्षा, व्यवसाय, अनुभव) लिखते हुए सचित्र अलबम बनाइए अथवा वीडियो बनाइए।

अथवा

16 जून पितृ दिवस के उपलक्ष्य में अपने पिता के लिए मनोभाव संक्षिप्त वीडियो/स्वरचित कविता/शुभकामना पत्र (ग्रीटिंग कार्ड) के माध्यम से व्यक्त कीजिए।

- 2) पढ़ना एक मूल्यवान आदत है जिससे व्यक्ति को अपने मन और आत्मा को प्रबुद्ध करने का अभ्यास करना चाहिए। अच्छी किताबें पढ़ना आपको सही दिशा में ले जाता है और आपकी समग्र भलाई में भी सुधार करता है। पढ़ना आपकी कल्पना शक्ति को बढ़ाता है और आपके भीतर धैर्य का संचार करता है।

नीचे कुछ वेबसाइट एवं कहानियों के नाम दिए जा रहे हैं। इन्हें खोजकर पठन कीजिए और अपनी मनपसंद कविता या कहानी पढ़कर अपने मित्रों एवं अपने परिवार के लोगों के बीच सुनाइए।

- ❖ www.kavitakosh.org
- ❖ www.gadyakosh.org
- ❖ चीफ की दावत (भीष्म साहनी)
- ❖ बड़े भाईसाहब (प्रेमचंद)



SUBJECT - SANSKRIT

- 1) शब्दरूपाणि – अस्मद् , युष्मद्
शब्दरूप कंठस्थ करके अपनी उत्तर पुस्तिका में सुंदर ढंग से लिखिए।
- 2) धातुरूपाणि – खाद् , इष् (पाँचों लकारों)
धातु रूप पाँचों लकारों कंठस्थ करके अपनी उत्तर पुस्तिका में सुंदर ढंग से लिखिए।
- 3) 51 से 75 तक संस्कृत में संख्या कंठस्थ करके सुंदर ढंग से अपनी उत्तर पुस्तिका में लिखिए।

SUBJECT – MATHEMATICS

General Instructions :

- ❖ Attempt all questions.
- ❖ Part – I consists of 10 Multiple Choice questions.
- ❖ Part – II consists of 10 Assertion and Reasoning questions.
- ❖ Part – III consists of 10 Problem Solving questions.
- ❖ Part – IV consists of 5 Case based questions.
- ❖ Use A4 size ruled sheets to show your creation.

I Multiple Choice Questions :

- Q1. Which of the following lies between 0 and -1?
(a) 0 (b) -3 (c) -2/3 (d) 4/3
- Q2. The sum of $\frac{2}{5}$ and $\frac{3}{5}$ is _____
(a) $\frac{1}{10}$ (b) $\frac{5}{10}$ (c) $\frac{5}{5}$ (d) $\frac{2}{3}$
- Q3. The product of $\frac{1}{3}$ and $\frac{-3}{4}$ is _____
(a) $\frac{-1}{4}$ (b) $\frac{-1}{12}$ (c) $\frac{1}{12}$ (d) $\frac{-1}{3}$
- Q4. The reciprocal of $\frac{-2}{7}$ is _____
(a) $\frac{7}{2}$ (b) $\frac{-7}{2}$ (c) $\frac{-2}{7}$ (d) $\frac{-7}{2}$
- Q5. Which of the following fractions is equivalent to $\frac{2}{3}$?
(a) $\frac{4}{6}$ (b) $\frac{3}{2}$ (c) $\frac{5}{4}$ (d) $\frac{7}{9}$
- Q6. Which of the following is a linear equation in one variable?
(a) $3x^2 + 2 = 0$ (b) $2x + 5y = 7$
(c) $x^3 + 4x^2 - 3x + 5 = 0$ (d) $4x - 2 = 0$

- Q7. Which of the following equations has no solution?
 (a) $3x + 2 = 2x + 3$ (b) $5x - 2 = 5x - 2$
 (c) $4x + 3 = 2x + 5$ (d) $x - 2 = x + 2$
- Q8. Which of the following equations represents the statement "Twice a number increased by 7 is 15"?
 (a) $2x + 7 = 15$ (b) $2x - 7 = 15$ (c) $x + 7 = 15$ (d) $x - 7 = 15$
- Q9. If $3(x + 4) = 5x - 2$, then the value of x is _____
 (a) $x = 6$ (b) $x = 7$ (c) $x = -6$ (d) $x = -7$
- Q10. Which of the following is the correct solution to the equation $2(x + 3) = 4x - 6$?
 (a) $x = 1$ (b) $x = 2$ (c) $x = 3$ (d) $x = 6$

II. Assertion and Reasoning Questions :

- Q11. **Assertion** : $a - (b - c) = (a - b) - c$

Reason : Rational numbers are not associative under subtraction.

- (a) Both assertion and reason are true, and the reason is the correct explanation of the assertion.
 (b) Both assertion and reason are true, but the reason is not the correct explanation of the assertion.
 (c) Assertion is true, but the reason is false.
 (d) Assertion is false, but the reason is true.

- Q12. **Assertion** : The sum of two rational numbers is always a rational number.

Reason : Rational numbers are closed under addition.

- (a) Both assertion and reason are true, and the reason is the correct explanation of the assertion.
 (b) Both assertion and reason are true, but the reason is not the correct explanation of the assertion.
 (c) Assertion is true, but the reason is false.
 (d) Assertion is false, but the reason is true.

- Q13. **Assertion** : There are infinitely many rational numbers between any two integers.

Reason : The square of a rational number is always a rational number.

- (a) Both assertion and reason are true, and the reason is the correct explanation of the assertion.
 (b) Both assertion and reason are true, but the reason is not the correct explanation of the assertion.
 (c) Assertion is true, but the reason is false.
 (d) Assertion is false, but the reason is true.

- Q14. **Assertion** : $\frac{1}{2}$ of 2 is a rational number.

Reason : A rational number is a type of real numbers, which is in the form of $\frac{p}{q}$ where q is not equal to zero.

- (a) Both assertion and reason are true, and the reason is the correct explanation of the assertion.
- (b) Both assertion and reason are true, but the reason is not the correct explanation of the assertion.
- (c) Assertion is true, but the reason is false.
- (d) Assertion is false, but the reason is true.

Q15. **Assertion** : $a + b = b + a$ is called commutative law of addition.

Reason : Rational numbers are commutative under addition and multiplication.

- (a) Both assertion and reason are true, and the reason is the correct explanation of the assertion.
- (b) Both assertion and reason are true, but the reason is not the correct explanation of the assertion.
- (c) Assertion is true, but the reason is false.
- (d) Assertion is false, but the reason is true.

Q16. **Assertion** : In a two digit number, the unit's digit is x and the ten's digit is y . Then, the number is $10y+x$.

Reason : Numbers which follow each other in order, without gaps, from smallest to largest. 12, 13, 14 and 15 are consecutive numbers.

- (a) Both assertion and reason are true, and the reason is the correct explanation of the assertion.
- (b) Both assertion and reason are true, but the reason is not the correct explanation of the assertion.
- (c) Assertion is true, but the reason is false.
- (d) Assertion is false, but the reason is true.

Q17. **Assertion** : The solution of the equation $5/x = 2$ is $2/5$.

Reason : The value of the variable which makes left hand side equal to right hand side in the given equation is called the solution or the root of the equation.

- (a) Both assertion and reason are true, and the reason is the correct explanation of the assertion.
- (b) Both assertion and reason are true, but the reason is not the correct explanation of the assertion.
- (c) Assertion is true, but the reason is false.
- (d) Assertion is false, but the reason is true.

Q18. **Assertion** : The root of the equation $z + 4 = -8$ is -32 .

Reason : The linear equation involves only one unknown, it is called "univariate". The quadratic equation contains only powers of x that are non-negative.

- (a) Both assertion and reason are true, and the reason is the correct explanation of the assertion.
- (b) Both assertion and reason are true, but the reason is not the correct explanation of the assertion.
- (c) Assertion is true, but the reason is false.
- (d) Assertion is false, but the reason is true.

Q19. **Assertion** : A number when divided by 5 gives 6. This statement in the form of an equation is $5x = 6$.

Reason : Standard form for linear equation in one variable is $ax+b=0$. Where x is variable and a, b are arbitrary constants.

- (a) Both assertion and reason are true, and the reason is the correct explanation of the assertion.
- (b) Both assertion and reason are true, but the reason is not the correct explanation of the assertion.
- (c) Assertion is true, but the reason is false.
- (d) Assertion is false, but the reason is true.

Q20. **Assertion** : Adding or subtracting the same quantity from both sides of a linear equation in one variable changes the solution set.

Reason : Adding or subtracting the same quantity from both sides of a linear equation preserves the equality and does not change the solutions.

- (a) Both assertion and reason are true, and the reason is the correct explanation of the assertion.
- (b) Both assertion and reason are true, but the reason is not the correct explanation of the assertion.
- (c) Assertion is true, but the reason is false.
- (d) Assertion is false, but the reason is true.

III. Solve the following :

Q21. Add the rational numbers : $\frac{2}{5} + \frac{3}{4}$

Q22. Determine the rational numbers between $\frac{5}{6}$ and $\frac{7}{8}$.

Q23. If $x + \frac{x}{4} = \frac{15}{4}$, then find the value of x .

Q24. Find the product of $\frac{2}{3}$ and the reciprocal of $\frac{3}{5}$.

Q25. Verify $a \times b = b \times a$, where $a = \frac{-3}{8}$, $b = \frac{-4}{5}$

Q26. Solve : $3x - 5 = 10$

Q27. Solve for y in the equation $5y + 3 = 2y - 4$

Q28. What should be added to $\frac{-1}{20}$ to get $\frac{1}{5}$?

Q29. The present age of Mihika's father is three times the present age of Mihika. After 5 years their ages will add to 66 years. Find the present age of Mihika and her father.

Q30. Sum of two numbers is 40. If one of them is 10 more than the other, find the numbers.

IV. Case based questions

Q31. A group of students collected 420 kg of waste for recycling. Out of this, $\frac{2}{7}$ was plastic waste, $\frac{1}{5}$ was paper waste, and the rest was glass waste.



Answer the following questions based on the given condition.

- (a) Calculate the weight of plastic waste.
- (b) Calculate the sum of the weights of plastic waste and paper waste.
- (c) Calculate the weight of glass waste.

Q32. A bakery produces 120 loaves of bread every day. Out of these, $\frac{3}{8}$ are whole wheat bread, $\frac{1}{4}$ are multigrain bread, and the rest are white bread.



Answer the following questions based on the given condition.

- (a) Find the numbers of white bread produced.
- (b) Find the sum of the numbers of white bread and whole wheat bread produced.
- (c) Find the numbers of multigrain bread.

Q33. A rectangular garden has a length that is 4 meters longer than its width. The perimeter of the garden is 36 meters.



Answer the following questions based on the given condition.

- (a) Find the length of the garden.
- (b) Find the breadth of the garden.
- (c) Find the length and breadth of the garden, if the perimeter is 40 meters.

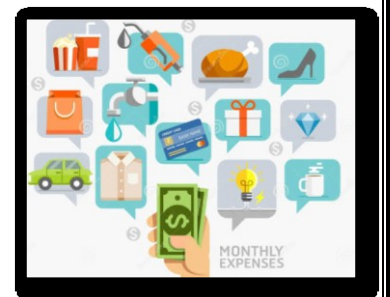
Q34. Simran went to bank to deposit ₹600 in bank. The denomination of the notes deposited were of ₹1, ₹2 and ₹5. The number of ₹ 2 notes is 3 times the number of ₹5 notes. The total number of notes is 460.



Answer the following questions based on the given condition.

- (a) Find the number of notes of ₹1.
- (b) Find the number of notes of ₹2.
- (c) Find the number of notes of ₹5.

Q35. Aditya who is working in a multinational company earns ₹1,50,000 per month. Out of his earning he spend $\frac{1}{10}$ th on food items, $\frac{1}{4}$ th on shopping with family, $\frac{1}{5}$ of the remaining on education of his two kids and rest of his money he puts in his savings.



Answer the following questions based on the given condition.

- (a) How much money he spend on food items?
- (b) How much money he spend on shopping?
- (c) How much money he spend on education of his two kids?

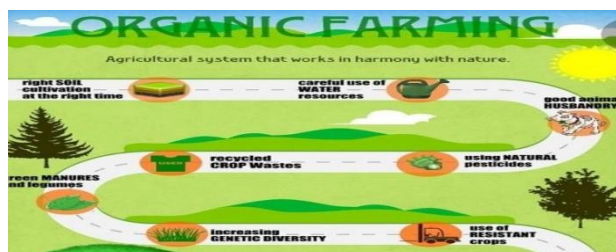
SUBJECT – SCIENCE

It's rightly said '**CREATIVITY TAKES COURAGE**'. So, children be courageous and flow with your own creative spirit. Integrate your skills in science and enjoy the fun and frolic. Every child is unique and has its own field of interest. Therefore, choose any two projects among these, according to your avocation.

PROJECT 1 - Pamphlet making –

Prepare a Pamphlet on organic farming focusing on its advantages and advance scientific technology and implements used for it.

Reference images:



OR

PROJECT 2 - Art attack

Draw Warli art of Maharashtra using sharp pointed pencil depicting any three steps involved in crop production and write about them briefly in your biology notebook.

Reference images:



OR

PROJECT 3 -Folks, enjoy science jokes-

Crack and write any 6 jokes based on chemical elements, reactions, force, pressure or any scientific phenomena or living creature in your physics notebook as shown in the reference images.

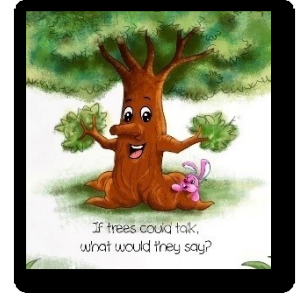
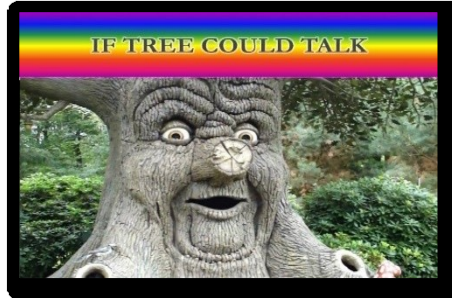
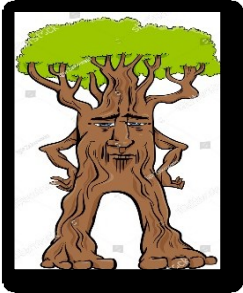
Reference images:



OR

PROJECT 4- Imagine yourself as walkie talkie tree for a day. Write your experiences to serve the mankind keeping in mind the importance of trees in 100 words in your biology notebook. Draw relevant images too.

Reference images:



PLEASE REMEMBER-

- ❖ Choose any two projects according to your interest.
- ❖ Use A3 size sheet or Half white drawing sheet and material available at home, not to bother parents to buy any material.
- ❖ Self-created projects (without help of your parents), will be well appreciated. Build confidence in yourself and be independent to present your work.
- ❖ Work to be done in the subject notebooks available at home.
- ❖ Completely avoid surfing net as aid, drill your brain and refer pasted images for idea to proceed.
- ❖ Work should be handwritten.
- ❖ Tag your name, class and section, project no. and project's name on the top of the page before you start the work.

SUBJECT - SOCIAL SCIENCE

General Instructions-

1. Any ONE out of the given list of projects is to be done.
2. Label your project properly. Name, Class and Section should be clearly mentioned behind the sheet.
3. Present neat and tidy work.
4. Submit the project well on time.

Prepare a newspaper report-'Depletion of Resources'

Collect information related to the depletion of resources over the years and its impact on man's life. Prepare a newspaper report on an A4 size sheet/half chart paper. (You may include newspaper clippings, pictures, original drawings etc.)

OR

Lok Sabha Elections 2024 (Insights)

Write down the details about following highlights on A4 size sheet/half chart paper-

- ❖ Electoral System and Election Commission of India
- ❖ Election Schedule (Phases with dates)
- ❖ Parties and Alliances (For constituencies of Madhya Pradesh)
- ❖ EVMs and Counting of polls



OR

Prepare a table on the leaders of The Revolt of 1857.

Provide following information.

- ❖ Overview and pictures
- ❖ Their contribution in the struggle
- ❖ Political groups/Provinces they belonged to.



SUBJECT - FRENCH

I Read any short story, Translate in French and make a French Bande dessinée (Comic strip) of minimum 10 images.

Material required : A 4 size chart paper ; coloured pen, eraser, ruler

II **Conjuguez les verbes en present.**

1. Nous ___ (aimer) le hockey.
2. Vous ___ (jouer) au badminton.
3. Il ___ (jouer) au football.
4. Tu ___ (aimer) le jazz.
5. J' ___ (aimer) le golf.
6. Je ___ (jouer) aux cartes.
7. Sophie ___ (jouer) au tennis et nous (jouer)___ au baseball.
8. Elles ___ (aimer) les sports.

III **Complétez ces phrases avec 'savoir' ou 'connaître'. (Complete the sentences with savoir or connaître)**

1. Mon collègue _____ parler français.
2. _____-vous Monsieur Douglas ?
3. Nous _____ bien vos parents.
4. Les frères de Sophie _____ nager.
5. Je visite la ville de Québec, je _____ l'Hôtel de la ville.
6. _____ -vous ce poème ?
7. Ils ne _____ pas comment préparer ce repas.