

Dear Students,

"Summer vacation is not just a break, it's a chance to discover new passions, explore new places, and create lifelong memories."



Holiday is the time that we all eagerly wait for. We all make plans to enjoy, to relax and to empower ourselves during these gala days. This summer vacation the Holiday Homework so designed by the mentors of the school is a medium for you all to achieve the motto of “Fun and Learn”

The activity based assignments will foster curiosity, develop creativity, enhance knowledge and instil the joy of learning among you all. They will certainly help you discover a new you who is more enriched and confident and performs every action to perfection.

### **REMEMBER**

- Neatness and presentation are common parameters for most of the activities assigned. Please maintain the quality of work done.
- Complete and submit the holiday homework according to the dates given. Note down these dates carefully as late submission after these dates is not acceptable and you will be losing the marks/grades for the same if you miss the date.
- Holiday homework will be assessed on certain parameters and marks/grade will be awarded accordingly.
- Make sure that all syllabus done till May must be revised thoroughly

### **BE A WONDERFUL HUMAN BEING: KEEP IN MIND TO**

- Follow a schedule during holidays. Be a good time manager.
- Read newspapers daily and stay updated with current affairs.
- Do the homework independently, only ask for assistance from your parents or guardians
- Give time to pursue your hobby.
- Appreciate nature and go for “Nature Walks”, plant trees and spread the message of Nature Conservation”
- Remember to have a wide mouth container filled with water outside your house for the birds to get respite from the scorching heat.
- Pray to almighty daily and thank for the blissful life that you enjoy
- Wishing all the students a joyful learning and Happy Holidays.
- The school will reopen on 1 July 2025.

**SUMMER HOLIDAY HOMEWORK**  
**CLASS VIII**  
**ENGLISH**

•Interview a Local Elder: Students will interview an elder in their community to learn about the history of their area, his profession, likes/dislikes. Students can also ask about significant events, changes over the years, and interesting stories. Proof: Paste a photo of the interviewee and a summary of the interview in the notebook.

**OR**

•Poetry Exploration: Students should write a poem on a topic of their choice. You are encouraged to experiment with different styles and forms (e.g., haiku, free verse, sonnet). Proof: Include the written poem in the notebook, along with any illustrations or decorations.

\* Exercises:- Ch-19- Integrated Grammar practice, Ch-20 words often confused, Ch-21 words followed by appropriate prepositions.

\* Assignment- Complete the attached assignment

Rubrics:

Creativity - 2 marks

Presentation-2 marks

On time Submission- 1 Mark

**HINDI**

गतिविधि -1

पाठ -3 अध्ययन

माइंड मैप बनाना (Mind Mapping)

पाठ का "माइंड मैप"

केंद्र में पाठ का नाम,

महत्वपूर्ण बातें (कहानी का सारांश, मुख्य पात्र, शिक्षा आदि)।

(यह अध्ययन को रोचक और दृश्यात्मक बनाता है।)

गतिविधि -2

आओ पोस्टर बनाएँ

निम्नलिखित विषयों में से किसी एक विषय पर पोस्टर बनाएं।  
जैसे — "माता पिता व गुरु का कथन सदा मानएं श्रेष्ठ",  
"स्मृति बढ़ाने के उपाय",  
"पढ़ाई में समय प्रबंधन" आदि।

**अथवा**

गतिविधि -3

"रामायण" के विभिन्न प्रसंग पढ़ें तथा उस पर एक चित्रात्मक प्रस्तुति (A-3 size sheet) तैयार कीजिए।

मूल्यांकन

विषय - वस्तु -2 अंक

भाषा शैली -2 अंक

प्रस्तुति करण - 1 अंक

## MATHS

Create a poster/ collage titled "The world of Quadrilaterals". Divide your chart into sections for each quadrilateral type ( Square, rectangle, rhombus, parallelogram, trapezium, kite). Paste your photos in correct section. Besides each object, mention the type and properties of quadrilateral.

**OR**

Design a Madhubani painting, Rangoli or warli art using different quadrilaterals. Highlight and label the quadrilaterals used.

**RUBRICS**

Creativity & Presentation- 2 marks

Accuracy of Shapes & Properties- 2 marks

On-time Submission- 1 mark

2) Solve the HHW Worksheet provided to you.

## SCIENCE

**Physics :**

# Rolling with the Right Pressure

**Tyre pressure is a critical aspect of vehicle maintenance, affecting safety, fuel efficiency, and tyre lifespan. Proper tyre pressure ensures optimal vehicle performance, handling, and safety on the road.**

Let's Test Your Knowledge!

Questions:

Q1: Unit of Measurement

What unit is commonly used to measure tyre pressure in vehicles?

Q2: Pressure Conversion

If the recommended tyre pressure for a car is 32 PSI, what is the equivalent pressure in kilopascals (kPa)? (1 PSI = 6.89476 kPa)

Compare the tyre pressure of different vehicles (e.g., car, bicycle, truck). How does the pressure vary, and why?

A bicycle tyre has a pressure of 60 PSI. Express this pressure in pascals (Pa), the SI unit of pressure. (1 PSI = 6894.76 Pa)

Why is maintaining proper tyre pressure important? Explain its impact on:

1. \*Fuel efficiency\*
2. \*Vehicle handling and safety\*
3. \*Tyre lifespan\*

What are the consequences of:

1. \*Underinflated tyres\*
2. \*Overinflated tyres\*

Timely submission - 1 Mark

**Biology :** make a project with three communicable diseases and three non-communicable diseases which are statically most prevailing in the year 2025 in your district or state. Also mention the treatment and prevention for the diseases that you are going to opt.

Q1. Create a 3D model or chart that visually represents the step-by-step transformation of dead plants and organisms into fossil fuels (coal, petroleum, natural gas).

v) Brief descriptions or labels for each stage

Explanation: 2M

## S.ST.

Activity: My Dream Constitution\*

\*Subject:\* Civics – Understanding Our Constitution

\*Objective:\* To help students understand the purpose and values of a constitution.

\*Task:\*

- Imagine you are founding a new country.
- Create a \*mini constitution\* for your imaginary country.
- Include the following:
  - \*Name of your country\*
  - \*Flag design\* (draw it)
  - \*Five fundamental rights\* you would give your citizens
  - \*Three duties\* for citizens
  - \*Type of government\* (democracy, monarchy, etc.)
  - \*Any special laws or unique rules\*

\*Materials:\* A4 paper or a small scrapbook; sketch pens, crayons, ruler for flag design

**OR**

Activity: Exploration

\*Subject:\* Geography – Topography

\*Objective:\* To help students understand Topography and Human settlement in different country

Choose any ONE country from the continent of Europe OR Africa and focus on the following aspects of the country chosen by you and compare with India

- a) Historical Background
- b) Climate and Natural Vegetation
- c) Administration /Government
- d) Tradition and culture
- e) Economy and currency

Instruction : Project should be done in notebook .Should be handwritten with country map ,Pictures ,illustration

Rubrics for Assessment

Creativity - 2 marks

Presentation-2 marks

On time Submission- 1 Mark

## FRENCH

1. Conjuguez les verbes donnés ci-dessous

Apprendre -to learn, Comprendre-to understand, venir-to come, promettre-to promise, connaître-to know, savoir-to know, vendre-to sell, Vouloir-to want, Pouvoir-to be able to, répondre-to reply, Voir-to see, boire-to drink, faire-to do,.

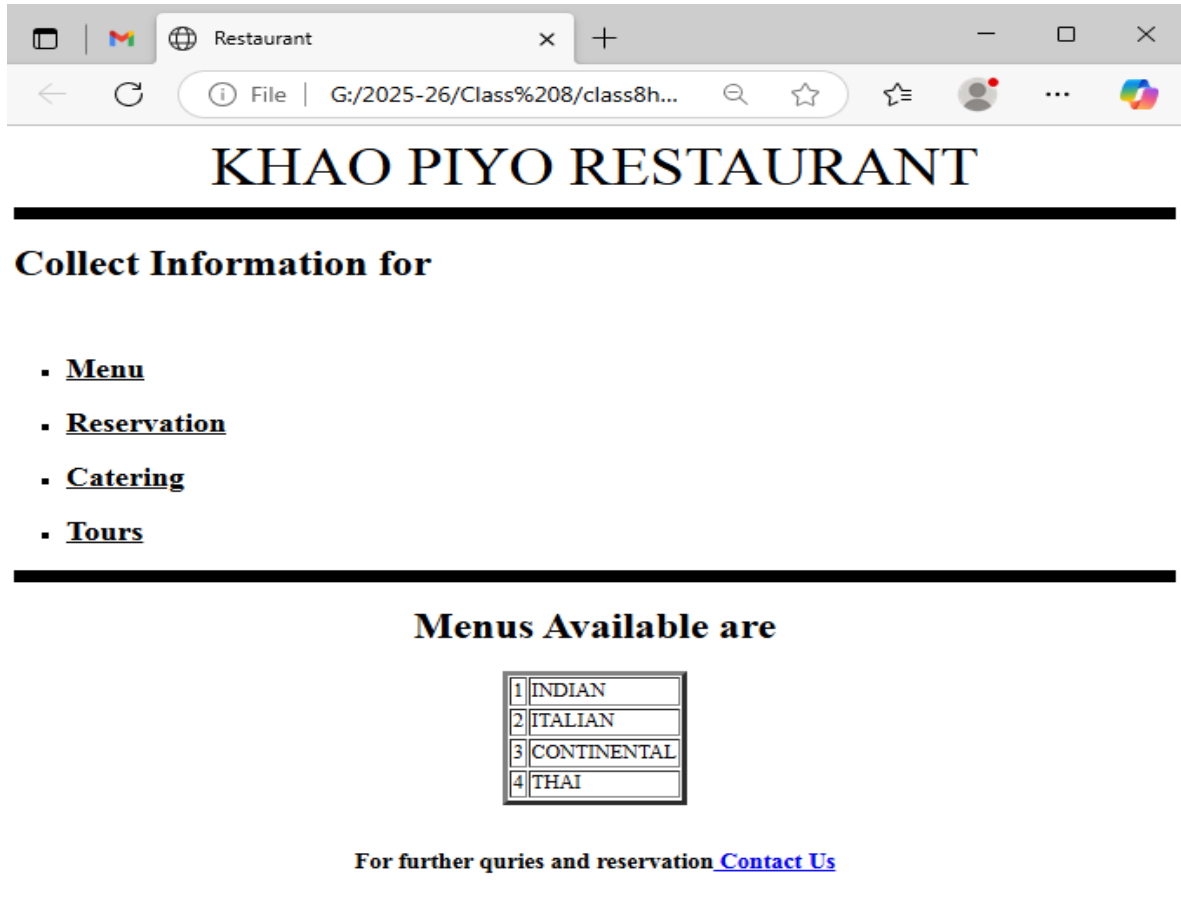
2. Do the Summer Holiday Homework Revision worksheet.

## SANSKRIT

- 1 'पर्यावरणस्य संरक्षणं आवश्यकम्' अस्मिन् विषये सप्त संस्कृत वाक्यानि A-4 शीटे लिखत। चित्रं अपि रचयत।  
मूल्यांकन मापदंडः-  
विषयवस्तु = 2 अंक शुद्ध वर्तनी = 2 अंक रचनात्मकता = 1 अंक
- 2 ' भारतस्य षड् ऋतवः' अस्मिन् विषये एकं संस्कृत अनुच्छेदं स्वसंस्कृत उत्तरपुस्तिकायाम् लिखत।  
मूल्यांकन मापदंडः-  
विषयवस्तु = 2 अंक शुद्ध वर्तनी = 3 अंक
- 3 'विद्यायाः' विषये त्रीणि संस्कृत श्लोकानि स्मरणं कुरुत।

## COMPUTER

Q1. Write the HTML code for the following Webpage and then paste its code and output in notebook:



# SUMMER HOLIDAYS HOMEWORK

## MATHEMATICS

**Name:**

**Class-VIII**

**Date :**

1. Three rational numbers lying between  $\frac{-3}{5}$  and  $\frac{1}{2}$  are
 

(a)  $\frac{-1}{2}, 0, \frac{3}{4}$

(c)  $\frac{-1}{4}, 0, \frac{1}{4}$

(b)  $\frac{-1}{4}, \frac{1}{4}, \frac{3}{4}$

(d)  $\frac{-5}{4}, 0, \frac{1}{4}$
2. To get 1 as product, we should multiply  $\frac{8}{21}$  by
 

(a)  $\frac{8}{21}$

(b)  $\frac{-8}{21}$

(c)  $\frac{21}{8}$

(d)  $\frac{-21}{8}$
3. The solution of the equation  $6x - 2 = 4x + 6$  is:
 

(a) 1

(b) 2

(c) 4

(d) 5
4. If a polygon has 10 sides, the sum of its interior angles is:
 

(a)  $1440^\circ$

(b)  $1620^\circ$

(c)  $1800^\circ$

(d)  $1260^\circ$
5. The measure of each exterior angle of a regular pentagon is:
 

(a)  $45^\circ$

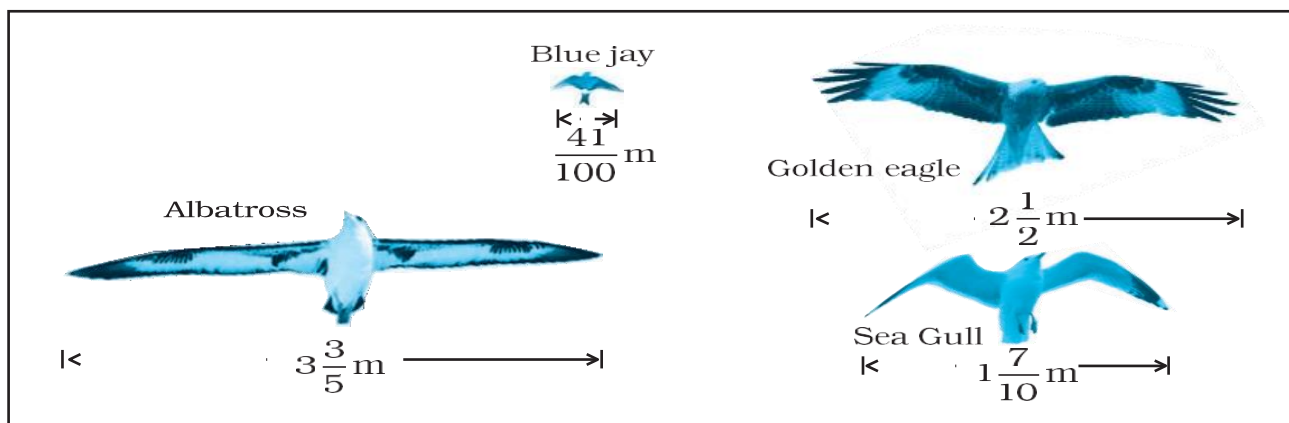
(b)  $72^\circ$

(c)  $60^\circ$

(d)  $108^\circ$

### 6. CASE STUDY :

The diagram shows the wingspans of different species of birds. Use the diagram to answer the question given below:



- (a) How much longer is the wingspan of an Albatross than the wingspan of a Sea gull?
- (b) How much longer is the wingspan of a Golden eagle than the wingspan of a Blue jay?



Verify:

- (i)  $a + (b + c) = (a + b) + c$  (Associative property of addition)
- (ii)  $a \times (b \times c) = (a \times b) \times c$  (Associative property of multiplication)

8. A father is 4 times as old as his son. After 5 years, he will be three times as old as his son. Find their present ages.

9. A shopkeeper sells a chair for ₹600, which is ₹150 less than twice its cost price. Find the cost price.



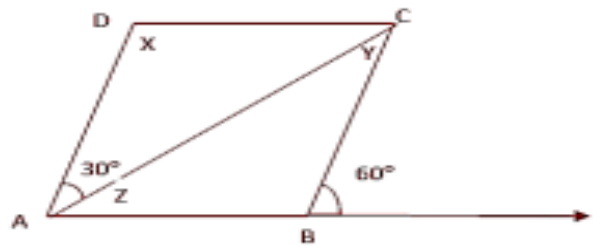
10. If a number is reduced by 7, it becomes 4. Find the number.

11. The four angles of a Quadrilateral are in the ratio 1:2:3:4 find the measure of smaller and greater angle.

12. Perimeter of rectangle is 120 cm. if their length and width are in the ratio 2:3. Find the length and breadth of the diagonals.

13. If two diagonal of a parallelogram are  $x + y = 8$  and  $x - y = 2$  find the length the diagonals.

14. In a parallelogram ABCD. Find the value of  $x$  and  $z$ . name the type of triangle ABC.



$x, y$



## English Holiday Assignment

### Class 8

**Instructions:** Attempt all questions to the best of your ability. Pay attention to grammar, spelling, and presentation. This assignment is designed to help you revise key concepts and express your creativity.

**Have a wonderful and productive holiday!**

**Total Marks: 25**

#### Section A: Grammar (10 Marks)

**Q1:- Fill in the blanks with the most appropriate words:**

**(2 Marks)**

- a) There are \_\_\_\_\_ apples on the table. (some / any / many)
- b) He is \_\_\_\_\_ intelligent student. (a / an / the)
- c) She spent \_\_\_\_\_ money she had saved. (little / few / all)
- d) \_\_\_\_\_ of my friends like reading books. (Each / Every / Both)

**Q2:- Complete the sentences using the correct tense of the verbs:**

**(2 Marks)**

- a) My father \_\_\_\_\_ (come) home late yesterday.
- b) We \_\_\_\_\_ (play) football in the park right now.
- c) By the time you arrive, I \_\_\_\_\_ (finish) my homework.
- d) She \_\_\_\_\_ (live) in this city for five years.

**Q3:- Fill in the blanks with suitable modals:**

**(2 Marks)**

- a) You \_\_\_\_\_ (should / must / might) wear a helmet while riding a bike.
- b) I \_\_\_\_\_ (can / could / may) run very fast when I was younger.
- c) It \_\_\_\_\_ (will / would / shall) probably rain tomorrow.
- d) Students \_\_\_\_\_ (need / ought to / dare) respect their teachers.

**Q4:-Correct the subject-verb agreement:**

**(2 Marks)**

- a) The basket of apples were heavy. (correct this sentence)
- b) Each student have to complete their work. (correct this sentence)
- c) Neither the dog nor the cats was sleeping. (correct this sentence)
- d) Mathematics are an interesting subject. (correct this sentence)

**Section B: Writing Skills (15 Marks)**

**Q5:- Write a letter to the Editor of a local newspaper expressing your concern about the importance of planting trees in your city and suggesting ways to encourage people to do so.**

**Q6:- Notice Writing (7 Marks)** Draft a notice for your school notice board based on **one** of the following topics:

- a) **School Trip Announcement** – Inform students about an upcoming educational trip, including date, destination, and registration details.
- b) **Lost and Found** – Write a notice about an item lost/found on the school premises, requesting the owner to claim it.
- c) **Inter-School Debate Competition** – Announce details about an upcoming debate competition, inviting interested students to participate.
- d) **Library Book Submission Reminder** – Notify students about the last date for returning borrowed books to the school library.

## SUMMER HOLIDAY HOMEWORK REVISION WORKSHEET (2025)

**SUBJECT: FRENCH, CLASS: VIII**

### Q-1. Complétez avec l'adverbe de quantité :

(beaucoup de, combien de, assez de, moins de, plus de)

1. Catherine ne veut pas de fruits, il y a \_\_\_\_\_ dans le frigo.
2. J'aime la glace, je mange \_\_\_\_\_ glace que mon ami.
3. Il y a \_\_\_\_\_ membres dans ta famille?
4. Aujourd'hui, je mange \_\_\_\_\_ pizza.
5. Mon frère n'aime pas le lait, il boit \_\_\_\_\_ lait que moi.

### Q-2. Mettez les phrases à la forme négative :

1. Ce sont des hommes canadiens.

\_\_\_\_\_

2. Elles ont une grande voiture.

\_\_\_\_\_

3. Nous achetons une voiture rouge.

\_\_\_\_\_

4. Est-ce que vous mangez de la viande?

\_\_\_\_\_

5. Il y a des oiseaux sur l'arbre.

\_\_\_\_\_

### Q-3. Mettez les phrases au pluriel.

1. Je visite un monument à Paris.

\_\_\_\_\_

2. Elle achète une nouvelle maison.

\_\_\_\_\_

3. Voici une pomme et une tomate.

\_\_\_\_\_

4. Il a une jolie caravate rouge.

\_\_\_\_\_

5. Il y a un arbre dans le jardin.

\_\_\_\_\_

**Q-4. Complétez avec les adjectifs possessifs.**

- a. Elle parle avec \_\_\_\_\_ amie. (son/ ma/ mon)
- b. Les enfants jouent avec \_\_\_\_\_ père. (leur/ sa/ son)
- c. Tu parles à \_\_\_\_\_ voisine française. (ton/ tes/ ta)
- d. Rubika aime \_\_\_\_\_ cousines. (son/ ses/ sa )
- e. Nous prenons \_\_\_\_\_ dîner. (votre/ notre/ nos)

**Q-5. Complétez avec les articles contractés:**

- a. C'est la femme \_\_\_\_\_ Patrick. (du/ de/ de la)
- b. Elle donne fruits \_\_\_\_\_ enfants. (au/ à la/ aux)
- c. La fille \_\_\_\_\_ professeur est mignonne. (du/ de la/ des)
- d. Vous allez \_\_\_\_\_ boulangerie avec votre ami.(au/ à l'/ à la)
- e. Le manteau \_\_\_\_\_ homme est noir. (de la/ de l'/ du)

**Q-6. Complétez avec les articles définis ou les articles partitifs.**

- a. Mon ami mange \_\_\_\_\_ poulet. (du/ de la/ de)
- b. Elle n'aime pas \_\_\_\_\_ mouton. (du/ le/ la)
- c. Vous achetez \_\_\_\_\_ bonbons. (du/ de la/ des)
- d. Je ne bois pas \_\_\_\_\_ café noir. (de/ du/ d')
- e. Tu prends \_\_\_\_\_ jus d'orange. (du/ des/ de)