

**JAIN BHARATI MRIGAVATI  
VIDYALAYA**

**HOLIDAY HOMEWORK**

**CLASS - VIII**

**NAME -** \_\_\_\_\_



**SUMMER  
BREAK**

**Dear Students,**

**Holidays offer opportunities to find a new passion, set goals and to reflect. They also bring delight as they provide recreation and relaxation.**

**As we embark on the summer break, we need to take a moment to express the gratitude to all those who have contributed at every step of our life. When we give cheerfully and accept gracefully, everyone is blessed.**

**Let's use this break to cultivate a sense of responsibility and independence. Take the initiative to handle your everyday chores and tasks on your own. By doing so, you not only relieve some of the burden from your loved ones but also develop important life skills which will serve you well in the future.**

**The homework provided for this summer vacation is purposefully designed for your holistic growth. Let your creativity and curiosity flourish as you explore the topics and engage in the tasks at hand.**

**Here are some important tasks to undertake: -**

**1. Library Exploration: Choose a book in both Hindi and English from class/school library. Read these books during the vacation and practice one page of handwriting from each of the books.**

**2. Epic Journey: Dive into our cultural heritage by reading "बाल काण्ड" from our ancient epic- "रामायण"**

**An MCQ test will be conducted after the vacation.**

**3. Family Connections: Embrace the joy of family time during the break. Visit your relatives and cherish these moments. Share your experiences by documenting them in English, capturing the bonds and memories formed.**

**4. Experience the Divinity: Explore the richness of our diverse religious traditions. Visit a religious place and immerse yourself in its divine atmosphere. Reflect on your visit and share your insights in Hindi.**

**We are excited to see your progress and hear about your experiences when we return. Let's make these holidays special with lots of fun and imagination**

अपने दिन का आरम्भ नमोकार महामंत्र के शुद्ध उच्चारण के साथ करें



नमो अरिहंताणं  
नमो सिद्धाणं  
नमो आयरियाणं  
नमो उवज्झायाणं  
नमो लोए सव्व साहूणं  
एसो पंच णमोक्कारो  
सव्व पावप्पणासणो ।  
मंगलाणं च सव्वेसिं  
पढमं हवइ मंगलं ॥

आओ अपने देश के प्रति जागरूक बनें और राष्ट्रगान के सही  
उच्चारण के साथ देश को नमन करें ।



### राष्ट्रगान

जन- गण- मन अधिनायक जय हे,  
भारत भाग्य विधाता ।

पंजाब, सिन्ध, गुजरात, मराठा,  
द्राविड़ उत्कल बंग ।

विन्ध्य, हिमाचल, यमुना, गंगा,  
उच्छल जलधि तरंग ।

तव शुभ नामे जागे, तव शुभ आशिष माँगे।  
गाहे तव जय गाथा ।

जन गण मंगल दायक जय हे,  
भारत भाग्य विधाता ।

जय हे, जय हे, जय हे

जय, जय, जय जय हे ।

## Self-Assessment Checklist for Personal Development

Dear students,

Take some time and sit with yourself. Ponder upon the following statements and then mark your honest reply. This will help you reflect and work upon yourself to make a better version of yourself: -

S.NO.	STATEMENT	YES	NO
1.	I pray to God every day.		
2.	I seek blessings of my parents and grandparents every day.		
3.	I greet my teachers and everyone I meet.		
4.	I thank mother nature every day.		
5.	I feel grateful for all what I have.		
6.	I show gratitude towards those who help me.		
7.	I spend two minutes reflecting on my actions to improve myself.		
8.	I forgive others when they do any mistake.		
9.	I take care of my health by exercising regularly.		
10.	I spend limited time on screen.		
11.	I take care of my personal hygiene.		
12.	I eat fruits and balanced diet daily.		
13.	I take care of cleanliness at home and school.		
14.	I study on my own.		
15.	I read books.		
16.	I complete my assignments on time.		
17.	I actively participate in class discussions.		
18.	I participate in various activities organized by school from time to time.		
19.	I keep my things at proper place after using.		
20.	I share my things with others.		
21.	I help my mom in daily chores.		
22.	I use magic words in my daily life.		
23.	I try do my tasks independently.		
24.	I don't use abusive language.		
25.	I always speak politely.		
26.	I keep myself calm in difficult situations.		
27.	I accept my mistakes.		
28.	I listen to others when they speak.		
29.	I come to school in proper uniform.		
30.	I help my friends when they are in need.		
31.	I seek help when I need it.		
32.	I share about everything with my parents.		

## HOLIDAY HOMEWORK 2024-25

### CLASS: VIII

### ENGLISH

- 1) When we read loudly, our pronunciation and fluency improve. Also, loud reading makes us active and prepares us for the day. Read at least one short story, newspaper report, articles from magazines loudly in front of a mirror at 10 o'clock in the morning. Your parents will observe you and help you. Try to read with the correct tone, pronunciation, fluency and expressions. Prepare a Reading log to mark your progress.
- 2) Forgiveness is the part of spiritual purification. Our Vidyalaya also imparts the importance of forgiveness, actively fostering its practice among students. Compose a beautiful **story** by portraying 'Forgiveness' as a central theme. Consider the challenges faced by the characters, the lessons learned through forgiveness, and the impact it had on their relationships and personal growth in 200 words.

### 3) **PROJECT BASED LEARNING**

“Never be bullied into silence. Never allow yourself to be made a victim. Accept no one’s definition of your life, but define yourself.” Promote bullying prevention in your classroom and make a project on "**Bullying**". You may cover the following points in it.

- a. What is bullying?
- b. What are different types of bullying?
- c. Effects of bullying
- d. Steps to prevent bullying activity



- e. Trace and cut out your hand on colourful papers. Write messages on them sharing something you can do for yourself or peers.
- f. Write the pledge against bullying.

You can also share any story or real life examples showing how students become victims of bullying. (Project must not be more than 7-8 scrap file sheets)

4. Write a blog post discussing the impact of technology on your daily life. Describe how you use technology at home and school, the benefits it brings, and any challenges you face. Include your thoughts on how technology might change your life.

**Note: (i) Do question 2,3 & 4 in ruled A4 size sheets.**

**(ii) Revise the whole syllabus of English done till now.**

## हिंदी

1. हमारी पृथ्वी विभिन्न प्रकार के प्रदूषणों से दूषित हो रही है। जैसे- वायुप्रदूषण, जलप्रदूषण, ध्वनिप्रदूषण इत्यादि और इन प्रदूषणों से मुक्ति हेतु सरकारों द्वारा अनेक अभियान चलाए जाते हैं। इन अभियानों से संबंधित खबरों व चित्रों से एक कोलाज बनाइए व समस्या निवारण हेतु पांच उपाय सुझाएं।

2. प्रतिदिन हिंदी समाचार पत्र पढ़ें तथा समाचार पत्र से पांच कठिन शब्दों को लिखिए।

3. 'विद्यालय पत्रिका' के लिए किसी भी विषय पर अपना एक लेख लिखिए।

4. 'जागो ग्राहक जागो' विषय पर दो ग्राहकों के मध्य की वार्ता को संवाद के रूप में लिखिए।

नोट: सम्पूर्ण कार्य रूलड A4 साइज की शीट में करें।

## MATHEMATICS

1. a) Write the additive inverse of  $-7/19$ .

b) Multiply the negative of  $29/2$  by its inverse.

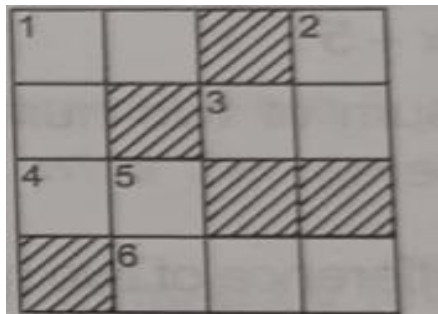
2. Write the formula of area of square, rectangle, triangle, parallelogram, rhombus, trapezium, circle and sector.

3. If 16 shirts of equal size can be made out of 24m of cloth, how much cloth is needed for making one shirt?

4.  $\frac{2}{5}$  of total number of students of a school come by car while  $\frac{1}{4}$  of students come by bus to school. All the other students walk to school of which  $\frac{1}{3}$  walk on their own and the rest are escorted by their parents. If 224 students come to school walking on their own, how many students study in that school?

5. An exterior angle and the interior angle of a regular polygon are in the ratio 2:7. Find the number of sides of the polygon.

6. Complete the crossword by solving given equations in clues.



Across

1.  $2(x+2) = 30$

3.  $2(x=10) = \frac{1}{2}(3x=80)$

4.  $(3x-11)/2 = 71$

6.  $(2x+50)/3 = (x+175)//2$

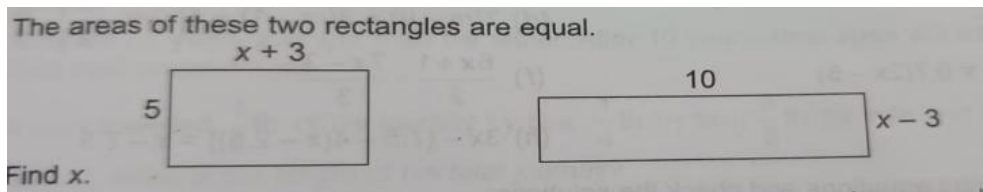
Down

1.  $4(x-50) = 3x-95$

2.  $60-2x = 80- 3x$

5.  $X^2 = 196$

7.



8. If you subtract  $\frac{1}{8}$  from a number and multiply the result by  $\frac{1}{4}$ , you get  $\frac{1}{16}$ . What is the number?
9. Fifteen added to thrice a whole number gives 93. What is the number?
10. A rational number  $x$  is equal to  $\frac{2}{3}$  times the sum of  $\frac{34}{7}$  and  $\frac{1}{14}$ . Find the rational number.
11. a) A linear equation in one variable has \_\_\_\_\_ solutions.  
 b)  $-(-x)$  is same as \_\_\_\_\_ .  
 c) If  $\frac{1}{3} - x = -\frac{2}{3}$ , then  $x$  is \_\_\_\_\_.
12. If three angles of a quadrilateral are each equal to  $75^\circ$ , what is the measure of the fourth angle .
13. The opposite angles of a parallelogram are  $(3x + 5)^\circ$  and  $(61 - x)^\circ$ . Find the measure of four angles.
14. The angles of a quadrilateral are in the ratio 1 : 2 : 3 : 4. Find the smallest angle.
15. Verify each of the following:
  - (i)  $(\frac{3}{5} \times \frac{12}{13}) \times \frac{7}{18} = \frac{3}{5} \times (\frac{12}{13} \times \frac{7}{8})$
  - (ii)  $-\frac{13}{24} \times \{(-\frac{12}{5}) \times \frac{35}{36}\} = \{(-\frac{13}{24}) \times -\frac{12}{5}\} \times \frac{35}{36}$
16. Find the measure of each exterior angle of a regular polygon of 18 sides.
17. Find the number of sides in a regular polygon having measure of an exterior angle as  $72^\circ$
18. The adjacent sides of a parallelogram are 5 cm and 9 cm. Find its perimeter.
19. Learn and write squares and cubes of numbers from 2 to 20.

**NOTE: Do all questions in a separate notebook.**

## SCIENCE

### 1. BEING AN ENTREPRENEUR

Make your own **Natural Pesticides** and bring your products to school after SUMMER BREAK.

**NEEM SPRAY:** Take some neem leaves, wash them and crush them in an electrical mixer grinder or by hand in a mortar pestle. Add water to it and a few drops of liquid soap. Leave overnight, sieve and put it in a spray bottle to spray on your plants.

Label your products with a **CATCHY** name. Why are these natural pesticides important?

2. We are going back to our roots in context to our **EATING HABITS**. In today's Scenario, **MILLETS** are poised to make a comeback due to their many advantages/benefits.

- a) Which grains are termed as millets? Draw/Paste pictures of different millets.
- b) List its significance as ---



- Nutritionally superior FOOD.
- Super crop at growing

### 3. **GITAG**

A geographical indication (GI) is a sign on products that have a specific geographical origin and possess Qualities or a reputation that are due to that origin. Since the qualities and characteristics of the product Depend on its geographical place, there is a clear link between the product and its original place of Production.

- What are the criteria for a product to be granted GI status in India?
  - Give few examples of products from different regions of India that have been granted GI status? What makes these products unique?
  - What is the significance of GI in promoting cultural heritage and traditional knowledge?
4. Do you know Hydrochloric acid is corrosive in nature? It is present in the digestive juices Secreted by inner linings of stomach...
- Why hydrochloric acid does not harm the stomach's inner linings?
  - Also find out why is it not advisable to drink bed tea with empty stomach in the morning?
5. Shyam was using fertilizers extensively on the piece of land where he grew maize. The water body near his field got highly polluted. How are the two things related?
6. Microorganisms are our friends. They are beneficial to us in many ways.
- Find out the role of useful microorganisms in your kitchen. Mention few of them.
  - Collect information about the useful microbes present in our body and their roles.
  - Mention health benefits of fermented food.
  - What are pro-biotics? How they help us in keeping us in keeping healthy?
- ### 7. **ROLE OF SCIENCE IN OUR DAILY LIFE**
- How does cooking happen in a microwave?
  - Does a sunscreen really protect skin?
  - When a few drops of water drop into hot oil what makes it crackle and fizz?
  - How does a pencil eraser clear all are mistakes on paper?
  - How do birds manage to sit on a live wire and still do not get electrocuted?
  - How do computers keep track of date and time even when they are switch off?
  - When there's a nip in the air, how does woollen sweater protect us from the cool morning breeze and keep us warm?
  - Why do we see rainbows after rain?
  - How does soap help in cleaning the dirty dishes?
  - Why does sky look reddish orange during dawn and dusk?
8. Read and collect five **SCIENTIFIC NEWS** of your **AREA OF INTEREST**.

**Note: (i) Do all work in A4 size ruled sheets.**

**(ii) Learn Chapters:1, 2 &3.**

1. What is the significance of the general election in a democratic country like India?
2. What are the key factors that voters consider while electing their representatives in the general elections of 2024?
  - a) In how many phases will this election be conducted?
  - b) When does the 'Model code of conduct come into effect?
  - c) Who is the richest candidate in the first phase of the election?
  - d) When was the first Lok Sabha session of independent India held?
3. Make a folder filled with pictures, stories and information about two 'Sustainable development goals' i.e. No poverty and Zero hunger.
4. Make a list of 5 'UNESCO WORLD HERITAGE SITES' located in Delhi and collect fascinating information about them.
5. Research and present information about India's wildlife and their habitats.

**Note: (i) Do all work in A4 size ruled sheets.**

**(ii) Revise all the chapters completed in the classroom.**

**Choose any topic and prepare a model/chart.**

1. WATER CYLCE
  2. VOLCANIC ERUPTION
  3. SOLAR ECLIPSE
  4. SOLAR SYSTEM
- (ANY OTHER TOPIC)

## विषय - संस्कृत

1. श्लोक-गायन गतिविधि हेतु परिश्रम, सत्संगति, परोपकार, मित्रता आदि विषयों पर आधारित भावार्थ सहित कुल 10 श्लोक लिखिए व याद कीजिए।
2. किम् तथा तत् के तीनों लिङ्गों के शब्दरूप लिखिए तथा याद कीजिए।
3. दृश्, लिख्, चल्, नम् व गम् धातु का लट्, लृट् लङ् तथा लोट्लकार के रूप लिखिए और दिए गए धातु रूपों के लट् व लृट्लकार याद कीजिए।
4. 01-50 तक संस्कृत गणना लिखिए व याद कीजिए।
5. एक पोस्टर बनाएं जिसमें 10 घड़ियों की आकृति बनी हो तथा उन सभी घड़ियों में जो भी समय दर्शाया गया हो उसे संस्कृत में घड़ियों के सामने लिखिए।

नोट: सम्पूर्ण कार्य रूल्ड A4 साइज की शीट में करें ।

## **LIBRARY**

Read a book of your choice and prepare a Book review/ Book mark related to the book you have read.