



**MGD GIRLS' SCHOOL, JAIPUR**  
**CLASS V**  
**HOLIDAY HOMEWORK**

Dear Students,

This summer, become a responsible global citizen and a young environmental guardian! 🌍

Observe your surroundings, record your findings neatly in your scrapbook, and reflect on how your actions can make a difference.

Through these activities, you will explore important ideas like climate action, sustainable living and the role each one of us plays in protecting our planet.

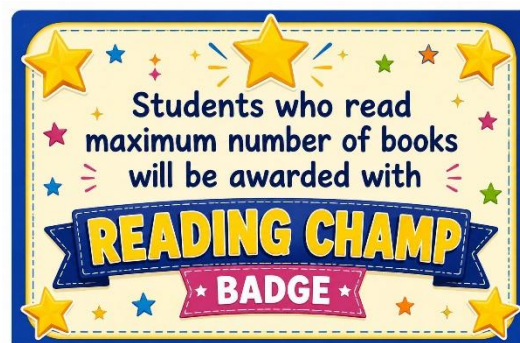
Let's take small steps today for a better tomorrow!

Happy Learning! 🌱

📖 **MGD Reading Champ Activity** 📖

To encourage the joy of reading and develop a lifelong love for books, MGD is organizing the “MGD Reading Champ” activity for students from Class I to Class XII.

Students who read the maximum number of books during the summer holidays will be honoured with the prestigious “Reading Champ Badge.” 🏆



### 📖 Activity Guidelines:

- Students must bring and show the books they have read in class.
- They will also present a short synopsis or brief narration of the book.

Let us turn every page into a new learning experience and celebrate the wonderful habit of reading! ✨

## English

### 1. Creative Writing

#### The Story of My Plastic Bottle

Imagine you are a plastic water bottle. In your scrapbook write a paragraph of 100-150 words- A story about your journey from the factory, to the store, to a student's desk, and finally to a recycling bin (or being reused).

Focus on the Reduce, Reuse, Recycle

2. Reading improves your vocabulary, imagination, and speaking skills. Read any one storybook, comic, newspaper article, or children's magazine for at least 20 minutes every day.
3. Do one page of cursive writing in your English cursive practice book every day.
4. Learn any one poem with actions from the given two.

## Recycled: An Earth Poem

### RECYCLED

Every bottle,  
Every paper,  
Every box comes through the door.  
We recycle  
To return them  
to be what they were before.



Every item we reuse  
instead of taking new  
Helps our planet to be healthy,  
To keep our landfills few.  
So be mindful  
To recycle  
Every day and never miss  
It's our very special way  
To give planet Earth a kiss.



### **“Use Wisely”**

SDG Twelve is here to say,  
“Use things wisely every day!”  
Save our water, save our food,  
Caring for Earth is really good.

Do not waste your books and toys,  
Girls and girls and boys and boys.  
Reuse bottles, bags, and paper,  
Making less trash helps nature safer.

Switch off lights when not in use,  
Every small step has good use.  
Plant a tree and keep streets clean,  
Protect the Earth so it stays green.

Take only what you truly need,  
Kindness grows from every deed.  
Together we all can proudly do,  
A better world for me and you!

5. Write and learn the given 3 forms of verb in My study

<b>V1 (Base Form) </b>	<b>V2 (Simple Past)</b>	<b>V3 (Past Participle)</b>
<b>Ask</b>	Asked	Asked
<b>Be (is/am/are)</b>	Was/Were	Been
<b>Begin</b>	Began	Begun
<b>Break</b>	Broke	Broken
<b>Bring</b>	Brought	Brought
<b>Build</b>	Built	Built
<b>Buy</b>	Bought	Bought
<b>Come</b>	Came	Come
<b>Do</b>	Did	Done
<b>Drink</b>	Drank	Drunk
<b>Drive</b>	Drove	Driven

**Feel**

Felt

Felt

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**Fly**

Flew

Flown

---

**Get**

Got

Gotten / Got

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**Give**

Gave

Given

---

**Go**

Went

Gone

---

**Have**

Had

Had

---

**Keep**

Kept

Kept

---

**Know**

Knew

Known

---

**Make**

Made

Made

---

**Read**

Read  
(pronounced  
"red")

Read  
(pronounced  
"red")

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**Run**

Ran

Run

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**Say**

Said

Said

## Hindi

1. सुलेख माला के 20 पृष्ठ करें।
2. पंचतंत्र ,अकबर- बीरबल की कोई एक प्रसिद्ध कहानी प्रतिदिन पढ़ें । (कोई भी 10)
3. नीचे दिए गए शब्दों को हिंदी प्रैक्टिस कॉपी में तीन-तीन बार लिखें।
  1. अवकाश
  2. ईमानदार
  3. कठिनाई
  4. धनुष
  5. उपद्रव
  6. दुर्लभ
  7. दिनांक
  8. मुश्किल
  9. विश्वास
  10. कराहता
  11. संन्यासी
  12. क्योंकि
  13. उत्सुक
  14. अग्नि
  15. पंख
  16. संस्कार
  17. व्यक्ति
  18. लीजिए
  19. प्रफुल्ल
  20. विघ्न
  21. साप्ताहिक
  22. सम्मान
  23. उग्र
  24. चवन्नी
  25. लक्ष्मी
  26. यद्यपि
  27. मक्खन
  28. अकस्मात्
  29. ज्येष्ठ

30. परंतु
31. पृष्ठ
32. गुरुजनों
33. धनिष्ठ
34. क्रमशः
35. उत्कृष्ट
36. हृदय
37. कल्याण
38. पुण्य
39. आशीर्वाद
40. मातृभूमि
41. दुर्गति
42. पृथ्वी
43. प्रकट
44. रुपया
45. उपस्थित
46. उज्ज्वल
47. स्वास्थ्य
48. विद्यालय
49. शून्य
50. विशेष

4. नीचे दी गई कोई एक कविता और कहानी याद करें ग्रीष्मकालीन अवकाश के बाद कक्षा में सुनी जाएगी।

कहानी: बदलता घर, समझदार पीढ़ी

एक शहर में रवि और रानी नाम के दो दोस्त रहते थे, जो स्कूल में साथ पढ़ते थे। रानी फुटबॉल में अक्वल थी और रवि को पेंटिंग पसंद थी। एक दिन, रवि ने देखा कि उसकी माँ ऑफिस से थककर आने के बाद भी घर के सारे काम कर रही थीं, जबकि उसके पिता टीवी देख रहे थे। जब रवि ने इसका कारण पूछा, तो पिता ने कहा, "यह महिलाओं का काम है।" अगले दिन, रानी ने अपनी टीचर को रवि की बात बताई। टीचर ने कहा,

"लैंगिक समानता की शुरुआत घर से होती है।" उन्होंने बताया कि पुरानी मान्यताएं लिंग के आधार पर भेदभाव करती हैं, जो गलत हैं। रवि ने यह बात अपने घर में साझा की। उसने कहा, "माँ भी ऑफिस जाती हैं, घर की सफाई और खाना बनाना हम सबकी साझा जिम्मेदारी होनी चाहिए।" शुरुआत में रवि के पिता हिचकिचाए, लेकिन जल्द ही उन्होंने न केवल घर के कामों में मदद की, बल्कि रवि को भी घरेलू काम सिखाए। दूसरी ओर, रानी ने अपने दोस्तों को बताया कि लड़कियां भी फुटबॉल टीम की कप्तान बन सकती हैं। समय के साथ, रवि और रानी के परिवारों में एक बड़ा बदलाव आया। यह समझ बनी कि लैंगिक समानता का मतलब सबको एक समान अवसर और सम्मान देना है, न कि किसी पर कोई भूमिका थोपना।

सीख: समानता का अर्थ है हर व्यक्ति को, चाहे वह किसी भी लिंग का हो, बिना भेदभाव के अपनी क्षमता को पूरी तरह विकसित करने का अवसर मिलना।



## स्वच्छता पर कविता

स्वच्छता है जीवन की जान,  
इससे बनता है सुंदर जहान।  
साफ हवा और निर्मल जल,  
स्वच्छता से मिटेगा हर छल।



घर हो साफ और गली हो प्यारी,  
न गंदगी हो कहीं हमारी।  
हर कचरे को सही जगह डालो,  
धरती मां का कर्ज उतारो।



हाथों को धोना है आदत बनाओ,  
स्वच्छता से बीमारियां दूर भगाओ।  
स्वच्छता से ही जीवन खिलेगा,  
रोग-व्याधि से बचाव मिलेगा।



मिलजुलकर हम सबको चलना है,  
स्वच्छ भारत का सपना सजाना है।  
आओ हम सब मिलकर ये वादा निभाएं,  
स्वच्छता को अपनी पहचान बनाएं।

## Science

Dear Students,

This summer, become a young scientist and environmental protector! Perform the following experiments, record your observations carefully in your scrapbook.

### Activity 1: Evaporation in Sunlight and Shade

**Topic:** Evaporation and Water Conservation- SDG 6- Clean Water and Sanitation

**Aim-** To observe how evaporation takes place faster in sunlight than in shade and understand the importance of water for birds during summer.

#### Materials Required

- 2 bowls or containers
- Measuring cup
- Water

#### Procedure

1. Pour 100 ml water into each bowl.
2. Keep one bowl in direct sunlight.
3. Keep the second bowl in a shady place.
4. Leave both bowls for 24 hours.
5. Measure the remaining water in each bowl.
6. Record your observations in the table.

#### Observation Table

Place	Water at Start	Water Left After 24 Hours	Water Evaporated
Sunlight	100 ml		
Shade	100 ml		

## Activity 2- Bird Water Pot Activity- SDG 15 – Life on Land

Keep a small bowl or bird water pot outside your house or balcony. Fill it with fresh water daily for one week. Observe and record the birds visiting the water pot.

### Bird Observation Table

Day	Time	Bird Seen	Number of Birds	Behaviour Observed
Monday				
Tuesday				
Wednesday				
Thursday				
Friday				
Saturday				
Sunday				

### Reflection Questions

1. Why is it important to keep water for birds during summer?

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2. What can you do to save water at home?

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### **Activity 3: Boiling Point of Water and Milk**

**Topic:** Boiling Point- SDG 3- Good Health and Well-being and  
SDG 12- Responsible Consumption and Production

#### **Aim**

To compare the boiling behaviour of milk and water.

#### **Materials Required**

1. Water
2. Milk
3. Two vessels
4. Stove/gas (adult supervision required)
5. Thermometer (if available)

#### **Procedure**

1. Heat water in one vessel.
2. Heat milk in another vessel.
3. Observe carefully which liquid boils first.
4. Observe the changes taking place.
5. Check whether milk overflows.
6. Record your observations.

#### **Observation Table**

<b>Liquid</b>	<b>Time taken to heat</b>	<b>Time taken to boil</b>	<b>Boiling point</b>	<b>Did it Overflow?</b>
<b>Water</b>				Yes / No
<b>Milk</b>				Yes / No

### Activity 4-Resource Saving Activity

For one week, observe and record ways your family saves gas, electricity, water, and food while cooking.

#### Observation Table

Resource Saved	How Was It Saved?	Why is it important?
Water		
Milk/Food		
Cooking Gas		
Electricity		

#### Reflection Questions

1. How does saving resources help the environment?

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2. Which SDG encourages responsible use of resources?

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3. What habits can you follow to reduce wastage at home?

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## Mathematics

### Activity 1 -Family Bath Time Water Usage Chart-SDG 6: Clean Water and Sanitation

(Record your observations carefully in your scrapbook).

**Topic:** Who uses the most water at home?

#### Instructions:

1. 10 litres of water is used per minute for a bath.
2. Ask each family member how many minutes they spent bathing in 1 day.
3. Calculate Water used = 10 litres  $\times$  minutes
4. Fill the chart and find out who uses the most.
5. Note: 30 seconds= 0.5 minutes

Example: To write 6 minutes 30 seconds you can write 6.5 minutes; 4 min 30 sec is 4.5 minutes and so on.

Family Member	Bath Time (minutes)	Water Used (litres) (10 litres $\times$ minutes)
Me		
Mom		
Dad		
Sibling/Brother/Sister		
Grandparent		
<b>Total for Family</b>		

Observation questions:

1. Who used the most water? \_\_\_\_\_

2. Who used the least water? \_\_\_\_\_

3. What is the difference between the highest and lowest?

\_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_ litres

4. If you reduce your bath time by 2 minutes, how many litres of water do you save? \_\_\_\_\_

5. Why is it important to save water at home and school?

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6. Write two ways you can reduce water wastage when you bathe.

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**Activity 2-** Learn tables from 2 to 20

## Social Studies Holiday Homework

**Tree Plantation Drive**-Climate Action & Global Warming (SDG-13)  
(Record your observations carefully in your scrapbook).

**Activity 1:** Plant a sapling at home or nearby and observe its growth.

Plant Details: Name of plant: \_\_\_\_\_

Date planted: \_\_\_\_\_

### Weekly Growth Record:

Week	Height / Changes Observed	Watering Done
1.		
2.		
3.		

### Observation Question:

Why are trees important for our environment? (Write 2-3 lines)

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### Climate Pledge Wall

Activity: Write any 3 promises you will follow to protect the environment: (Examples: I will save water; I will switch off lights when not in use; I will avoid plastic bags.)

I will \_\_\_\_\_

I will \_\_\_\_\_

I will \_\_\_\_\_

## **Art & craft**

Theme: Sustainable Development- Reuse, Reduce, Recycle

### General Instructions:

1. Use waste, old, or natural materials only.
2. Work should be done by the student. Parents may guide.
3. Write Name, Class, Section, Roll No. clearly on the back.
4. Submission: First working day after summer vacation.

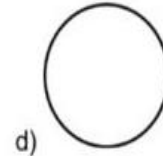
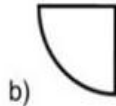
### Activity: Doodle Carton

1. Take a big size carton – big old shoe box, big storage carton etc.
2. Cover it completely with newspaper using glue/fevicol.
3. Once dry, create doodle art all over it using watercolors or sketch pens.
4. Theme for doodle: “My Happy World” or “SDG Goals”.

Carton covered with newspaper and colorful doodles of sun, flowers, books, SDG icons

**Computer Holiday Home Work**  
**Logical & Computational worksheet**  
**Take a printout & solve the given worksheet.**

1. A piece of paper was folded in half to get a semicircle. What was the original shape before the fold?



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2. If the alphabets are divided into two equal halves - from A to M and N to Z, which letter in the other half would be in the same position as the letter J?

a) Q

b) V

c) X

d) W

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3. 3 people A, B, and C have to cover a distance of 12 m each. A has covered half the distance. B has covered half the distance covered by A, and C has covered double the distance covered by B. Who among the following has covered the least distance?

a) A

b) B

c) C

d) All three of them have covered equal distance

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4. Fill in the blank.

Half of 4 + Half of 8 = \_\_\_\_

a) 12

b) 10

c) 8

d) 6

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5. If '#' means 'half of 2', '\$' means 'double of 2', and '&' means '2', then which of these options results in 3?

a)  $6 - \$ - \#$

b)  $6 - \# - \&$

c)  $6 + \& + \#$

d)  $6 - \# + \&$

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6. A circular piece of paper is cut into four identical quarters. Two or more quarters are joined together. Which of these figures can possibly be made by joining them? Note: You cannot overlap the quarters

a) Triangle

b) Semicircle

c) Trapezium

d) Rectangle

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7. There are 3 different circular sheets: A, B, and C. The radius of sheet B is twice the radius of sheet A and half the radius of sheet C. Which sheet requires the HIGHEST number of folds to attain the shape of a quarter circle?

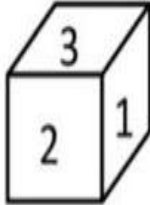
a) A

b) B

c) C

d) All of them require the same number of folds

8. If the number on the bottom face of the cube is double the number on the front face, what is the sum of the number on the top face and bottom face?



- a) 8                                      b) 7                                      c) 6                                      d) 4

9. Three friends are playing a game. In this game, a staircase with numbers written on it is given. The students shown on the right side have to stand on any random step. If a student stands on a step where the numbers in the column below that step add up to either half or double their age, then he/she will win the game. Which of A, B, C, D, or E is the step on which no one will win?

E					
3	D				
2	1	C			
3	4	7	B		
2	5	4	2	A	
4	3	5	2	8	



- a) Step A                                      b) Both steps B and C  
c) Step D                                      d) Step E

10. What will come in place of "?"

$$3\_4\_6 \rightarrow 4\_8\_3$$

$$2\_2\_4 \rightarrow 3\_4\_2$$

$$2\_6\_8 \rightarrow ?$$

- a) 4\_12\_8                                      b) 4\_12\_4                                      c) 3\_3\_4                                      d) 3\_12\_4