

Millennium World School Rajla Road ,Samana

District Patiala, Punjab Ph. No. : 959291-46424, 88720-14610



HOLIDAYS HOMEWORK

Class- 10th

Session - 2024-25

HAPPY

HOLIDAYS



Millennium World School

Rajla Road ,Samana

District Patiala, Punjab Ph. No. : 959291-46424, 88720-14610

CIRCULAR FOR SUMMER VACATION

Dear Parents / Guardians,

As we approach the summer holidays, We want to take a moment to touch base with you regarding our plans for the break. It's an exciting time for our students to relax, recharge, and explore new opportunities. Firstly, We want to express our gratitude for your ongoing support throughout the academic year. Your involvement and encouragement have contributed immensely to our students' growth and success.

During the summer break, we encourage you to continue fostering a learning environment at home. Whether it's through reading, engaging in educational activities, or exploring new hobbies, there are countless ways to keep young minds active and engaged.

Additionally, We want to emphasize the importance of safety during this time. As our students enjoy their break, please ensure they are supervised, especially when participating in outdoor activities or traveling. Lastly, I hope this break provides an opportunity for quality family time and relaxation. It's a chance for students to unwind, spend time with loved ones, and create lasting memories.

Thank you once again for your continued partnership. Wishing you and your family a wonderful summer filled with joy, laughter, and meaningful experiences.

The Summer Break is scheduled from 21st May, 2024 to 30th June, 2024 for Classes DR to 11th and school will reopen on 1st July, 2024 (Monday).

However, summer vacations can be considered spent well only if kids can strike a balance between enjoyment and learning. Summer vacations must not be considered as a break from learning. Actually, that's what the essence of the vacation is, learning disguised as fun and enjoyment.

At Millennium World School — We bring to our students some tips, do's and don'ts for this summer vacation.

Do's

- ❖ Wake up early and develop a morning routine. Do yoga, meditation or just a brisk walk.
- ❖ Start learning a new skill like painting, dance, music or public speaking.
- ❖ Play games, sports and do a lot of physical activity, but only during the morning and evening hours.
- ❖ Read more. Challenge yourself to finish reading at least a couple of good books during the vacation.
- ❖ Visit your cousins, or plan a trip with family.
- ❖ Help out your parents in family chores, and learn some useful skills that way.
- ❖ Make sure to be consistent with the holidays' homework. Avoid completing it for the last day!
- ❖ Eat good food, drink plenty of water, and have lots of fun!

Don'ts

- ❖ Do not waste all your time to play video games and/or mobile games.
- ❖ Don't go out during the hours of peak sunshine. Try some interesting indoor activities.
- ❖ Do not oversleep, and do not let laziness take you over. Stay active during the vacations.

Students should consider summer vacation not just as a fun time, but also a great opportunity to make the best out of their time. At Millennium World School, we would advise our students to use their time wisely, and make the best out of this summer. All the best!

Wishing you and your ward a very fruitful vacation ahead!

Note: For any Query Contact to the respective teachers.

School Contact No. : 95929-14624

E-Mail: millenniumsamana@gmail.com

Website: www.millenniumworldschoolsamana.com

Principal Ms. Shalini Cajla

HAPPY FATHER'S DAY

“A Father is the one friend upon whom we can always rely”

Father's Day is a celebration honoring fathers and celebrating fatherhood, paternal bonds, and the influence of fathers in society. To strengthen this bond, Let's celebrate **“FATHER'S DAY”** which falls on **16th June,2024 (3rd Sunday)** this year. Prepare a **Paper Award Ribbon** for your father and take one picture.



Wishing you and your ward a very fruitful vacation ahead!

Details of Subject Teachers: -

<u>Sr. No.</u>	<u>Subjects</u>	<u>Teacher's Name</u>	<u>Contact Number</u>
1.	English	Ms. Harvinder Kaur	99881-18786
2.	Hindi	Ms. Harmanpreet Kaur	98788-21151
3.	Science	Ms. Palak	99881-60627
4.	Science	Ms. Gurpreet Kaur	90414-40430
5.	Mathematics	Ms. Samridhi	95017-25372
6.	Social Science	Ms. Dipika	97808-14847
7.	Social Science	Mr. Manjot Singh	79736-35410
8.	Punjabi	Ms. Balwinder Kaur	98778-75332

Principal Ms. Shalini Cajla

ENGLISH

"LEARN ENGLISH FOR A BETTER FUTURE "



1. **Create 10-15 MCQs from 'The thief's story & Letter to God.**
2. **Make 2 posters on**
 - *Our planet's alarm is going off and it's time
To wake up and take action*
 - *Wipe out pollution before it wipes you out*
3. ***Creative Topics***
 - *Time with parents or time with expensive gizmos. What is more important* ?
 - *What special things would you like to do on Father's Day? How would you make this bond stronger and what surprises would you plan for him.*
4. **Revise the syllabus done in April & May**
5. ***Prepare a portfolio***
 - *Index
 - *Acknowledgement
 - *Autobiography
 - *Your Goal
 - *Your Creativity
 - *Your Achievements
 - *Your best work
 - *Self-Assessment

हिंदी

“एकता की जान है, हिंदी देश की शान है”

● *याद करें*

● स्पर्श भाग -1 (गद्य खंड)

पाठ-1 बड़े भाई साहब

पद्य खंड

पाठ-1 कबीर (साखी)

पाठ-2 मीरा (पद)

● *संचयन*

पाठ-1 हरिहर काका

● पंजाब और उड़ीसा की मुख्य भाषा, पर्यटन स्थल, भोजन, त्योहार और नृत्य का तुलनात्मक अध्ययन कीजिए। (स्क्रेप फाइल पर लिखें)

● आपके शहर में ‘विश्व पुस्तक’ मेले का आयोजन होने जा रहा है इसके लिए एक विज्ञापन तैयार कीजिए ।



PUNJABI

“ਪੰਜਾਬੀ ਸਿੱਖੀਏ ਅਤੇ ਸਿਖਾਈਏ, ਮਾਂ ਬੋਲੀ ਦਾ ਮਾਣ ਵਧਾਈਏ”

● ਵਾਰਤਕ *ਘਰ ਦਾ ਪਿਆਰ* ਦੇ ਆਧਾਰ ਤੇ ਘਰ ਦਾ ਦ੍ਰਿਸ਼ ਇੱਕ ਚਾਰਟ ਤੇ ਦਰਸਾਓ। ●

ਪੰਜਾਬੀ ਮਾਂ ਬੋਲੀ ਤੇ ਪੰਜ ਸਲੋਗਨ ਲਿਖੋ।

● *ਸ਼ਬਦ* 1) ਸੋ ਕਿਉ ਮੰਦਾ ਆਖੀਐ।

2) ਕਿਰਪਾ ਕਰਕੇ ਬਖਸ਼ ਲੈਹੁ।

● *ਕਹਾਣੀ* ਕੁਲਫੀ ਦੇ ਪ੍ਰਸ਼ਨ/ ਉੱਤਰਾਂ ਦੀ ਦੁਹਰਾਈ ਕਰੋ।







SCIENCE

GENERAL INSTRUCTIONS FOR HOLIDAY HOMEWORK:-

- Learning work should be thoroughly done.
- Use good quality pen, pencil and eraser to maintain the tidiness in the practical notebook.
- Practical work must be done in a very neat and presentable manner.
- Diagram should be well drawn by pencil. Use of colored pen/pencil/sketch is Prohibited in practical files.
- Diagram should be well labeled and properly drawn.
- Practice of chapters should be done from Reference book.
- Maintain an index of the contents of your practical record.

BLANK SIDE	LINED SIDE
AIM:-	AIM:-
MATERIAL REQUIRED:-	MATERIAL REQUIRED:-
DIAGRAM:- (IF AVAILABLE)	THEORY:-(BRIEF FORM)
OBSERVATION:-	PROCEDURE:-
RESULT:-	OBSERVATION:-
	RESULT:-
	PRECAUTION:-

Recommended Practical File: SP Publication

-  *Make mind maps and flow charts on one sheet of chapter light.
-  Prepare a project on management of natural resources
-  Revise all the syllabus of periodic test-1
-  And practical file work :-

1. **A. Finding the pH of the following samples by using pH paper/universal indicator: Unit-I**

- (i) Dilute Hydrochloric Acid
- (ii) Dilute NaOH solution
- (iii) Lemon juice
- (iv) Water
- (v) Dilute Hydrogen Carbonate solution



2. **Studying the properties of acids and bases (HCl & NaOH) on the basis of their reaction with: Unit-I**

- a) Litmus solution (Blue/Red)
- b) Zinc metal

3. **Performing and observing the following reactions and classifying them into:**

Unit-I

- A. Combination reaction
- B. Decomposition reaction
- C. Displacement reaction
- D. Double displacement reaction
- (i) Action of water on quicklime
- (ii) Action of heat on ferrous sulphate crystals
- (iii) Iron nails kept in copper sulphate solution
- (iv) Reaction between sodium sulphate and barium chloride solutions

4. **Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions: Unit-I**

- i) $\text{ZnSO}_4(\text{aq})$
- ii) $\text{FeSO}_4(\text{aq})$
- iii) $\text{CuSO}_4(\text{aq})$
- iv) $\text{Al}_2(\text{SO}_4)_3(\text{aq})$

Arranging Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity based on the above result.

5. Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between V and I. Unit-IV
6. Determination of the equivalent resistance of two resistors when connected in series and parallel. Unit-IV
7. Preparing a temporary mount of a leaf peel to show stomata. Unit- II
8. Experimentally show that carbon dioxide is given out during respiration.
Unit-II
9. Study of the following properties of acetic acid (ethanoic acid): Unit- I
 - i) Odour
 - ii) solubility in water
 - iii) effect on litmus
 - iv) reaction with Sodium Hydrogen Carbonate

 Solve Worksheet

MATHEMATICS

General Instructions: -

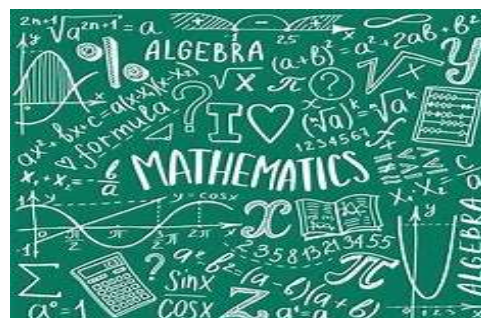
1. Use a separate thin Notebook for your worksheet.
2. Handwriting should be neat and clean.
3. Solve the MCQ and then tick the correct answer.

1. A rational number between $\frac{3}{5}$ and $\frac{4}{5}$ is:
(a) $\frac{7}{5}$ (b) $\frac{7}{10}$ (c) $\frac{3}{10}$ (d) $\frac{4}{10}$
2. A rational number between $\frac{1}{2}$ and $\frac{3}{4}$ is:
(a) $\frac{2}{5}$ (b) $\frac{5}{8}$ (c) $\frac{4}{3}$ (d) $\frac{1}{4}$
3. Which one of the following is not a rational number:
(a) 2 (b) 0 (c) 4 (d) $\sqrt{-16}$
4. Which one of the following is an irrational number:
(a) $\sqrt{4}$ (b) $3\sqrt{8}$ (c) $\sqrt{100}$ (d) $\sqrt{0.64}$
5. $3\frac{3}{8}$ in decimal form is:
(a) 3.35 (b) 3.375 (c) 33.75 (d) 337.5
6. A polynomial of degree n has:
(a) Only one zero (b) At least n zeroes
(c) More than n zeroes (d) At most n zeroes

7. Zeroes of $p(x) = x^2 - 27$ are:
 (a) $\pm 9\sqrt{3}$ (b) $\pm 3\sqrt{3}$ (c) $\pm 7\sqrt{3}$ (d) $\pm 11\sqrt{3}$
8. The pairs of equations $9x + 3y + 12 = 0$ and $18x + 6y + 26 = 0$ have
 (a) Unique solution (b) Exactly two solutions
 (c) Infinitely many solutions (d) No solution
9. The solution of the equations $x - y = 2$ and $x + y = 4$ is:
 (a) 3 and 1 (b) 4 and 3
 (c) 5 and 1 (d) -1 and -3
10. The pair of equations $x = a$ and $y = b$ graphically represents lines which are
 (a) parallel (b) intersecting at (b, a)
 (c) coincident (d) intersecting at (a, b)
11. What is the exponent of 3 in the prime factorization of 864.
12. Explain why $(17 \times 11 \times 2 + 17 \times 11 \times 5)$ is a composite number?
13. If α and β are zeroes of the polynomial $2x^2 - 5x + 7$, then find the value of $\alpha - 1 + \beta - 1$.
14. Find the zeroes of the quadratic polynomial $5x^2 - 4 - 8x$ and verify the relationship between the zeroes and the coefficients of the polynomial.
15. Solve for x and y :
 $x + 4y = 27xy$ (i)
 $x + 2y = 21xy$ (ii)

◆ Do lab Manual Work

RECOMMENDED LABMANUAL :- Candid Laboratory Manual in Mathematics



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DIAGRAM:- (IF AVAILABLE)	THEORY:- (BRIEF FORM)
OBSERVATION:-	PROCEDURE:-
RESULT:-	OBSERVATION:-
	RESULT:-
	PRECAUTION:-

Activity -3 To find the conditions for consistency and inconsistent for system of linear equations in two variables by graphical method .

Activity 10 - Similarity of Triangles

Activity-12 Centroid of Triangle

Activity- 15 Area of triangle (By paper cutting & pasting)

Activity -16 Area of Sectors formed at the vertices of a triangle

◆ Prepare P.T -1 Syllabus

SOCIAL SCIENCE

- **Revise all PT-1 syllabus**
- **Fill major soil types in Indian physical map**
- **Make a case study on Belgium and Sri Lanka**

HOLIDAY'S HOMEWORK OF ECONOMICS

● **Creative work:**

Study and Search development goals of any 5 people from different categories like student, housewife, farmer and businessmen etc and write it on your copy.

● **Learning goals:**

Learn Chapter 1 Economic development: it's question answer and book concepts.

Learn chapter:2 Sectors of Indian economy: its question answer and all topics in book

