

SANSKAR BHARTI GLOBAL SCHOOL

PHULPARAS, MADHUBANI - 847409

HOLIDAY ASSIGNMENT OF STD IX

Instructions:-

*Complete all questions neatly in your concerned subject fair notebook.

*Use your own handwriting.

*Maintain cleanliness and proper presentation.

*Submit the assignment on the given date (immediately after the school reopens).

*Attach relevant pictures/charts wherever required.

Subject – S.St.(5 M)

*Observe your neighbourhood and identify one social institution, one economic activity and one government-related activity. Write a short note explaining how these are connected to one another. Mention how the study of Social Science helps you understand these activities.

*Draw simple diagrams to show:

Divergent Boundary

Convergent Boundary

Transform Boundary Use arrows (\rightarrow \leftarrow) to show the direction of plate movement and label each diagram.

*Students should select one type of landform such as mountains, plains, plateaus, or coastal areas and study how people live in these regions. They should explore:

Occupations

Settlement patterns

Challenges faced due to the physical environment

Examples:

Landslides in mountains

Floods in plains

*Explain the causes and effects of earthquakes.

*Explain why conservation of resources is necessary.

Subject – Hindi(5 M)

*रचनात्मक कार्य : ग्रीष्मकालीन छुट्टियों का 200 शब्दों में लिखिए।

*"ऋतु परिवर्तन का जीवन पर गहरा प्रभाव पड़ता है।" उक्त कथन की पुष्टि आप किन-किन बातों से कर सकते हैं? लिखिए।

*हिन्दी भाषा दिवस पर एक पोस्टर तैयार कीजिए।

*प्रतिदिन एक पेज सुलेख लिखेंगे।

*रैदास की जीवनी सचित्र वर्णन कीजिए।

Subject – Maths(5 M)

Ch-01: Orienting Yourself

* Find the distance between two points given below:

(a) (3, 4) and (4, -4)

(b) (-7, 8) and (-4, 4)

(c) ($\sqrt{2}$, $\sqrt{3}$) and (3, 4)

Ch-03: The World Numbers

* Prove that $\sqrt{2}$ is an irrational number.

* Prove that $\frac{3}{6}$ and $\frac{6}{12}$ are rational numbers.

Ch-02: Introduction to Polynomial

* Find the value of the linear polynomial $5X - 3$ if:

(i) $X = 0$

(ii) $X = -1$

(iii) $X = 2$

Project

Can you explain why we need $q \neq 0$ in the definition of a rational number?

If $n \neq y$, then $(n, y) \neq (y, n)$ and $(n, y) = (y, n)$ if and only if $n = y$. Is this claim true?

Subject – Science

BIOLOGY

* prepare model of genetic material that can be seen under different magnification. Also explain it (1 mark)

CHEMISTRY

* What do you understand by Crystallization. Describe it's process. (1mark)

* Define : concentrated solution, dilute solution, saturated solution, supersaturated solution, unsaturated solution (1 mark)

* What do you understand by solubility? What is the effect of temperature pressure on solubility of (1 mark)

a) Solid in liquid

b) Gas in liquid

c) Liquid in liquid

PHYSICS

* Derive three equation of motion graphically and algebraically. (1 mark)

Subject - English(5 M)

* As a socially responsible citizen, you strongly believe that students can contribute significantly in promoting adult literacy.

Write a letter to the Editor of a local newspaper emphasising the importance of student participation in adult literacy camps conducted by various organisations. Discuss the benefits of such initiatives for both students and society. Suggest effective ways to spread awareness and encourage more students to volunteer for this noble cause.

* **Write a paragraph about a place that you have visited which has stayed in your memory.**

Remember to mention the following:

❁ Why did you go there?

❁ Who did you travel with?

❁ How did you prepare for the travel?

❁ Where did you stay?

❁ What activities did you do there?

* **Reflective Writing – Identifying Skills and Passion**

Reflective writing encourages introspection and thoughtful exploration of personal experiences, skills, and aspirations. It helps individuals gain deeper insights into themselves and their goals through structured reflection.

I. Follow the steps given below to create a write-up about your skills and passions.

Step 1: Introduction

Reflect on your passions and the skills you currently possess or are developing. Consider why these activities or interests are meaningful and enjoyable to you.

Step 2: Describing Skills

Describe specific activities or practices you engage in to nurture your skills. This could include hobbies, classes (art, music, coding, etc.), workshops, or personal projects.

Step 3: Passion into Profession

Identify which of these skills you believe have the potential to turn your passion into a profession. Explain why you think these skills are crucial or advantageous in your chosen field.

Step 4: Examples and Reflection

Provide examples or anecdotes that illustrate how your skills and passions complement each other. Reflect on how these experiences have shaped your career aspirations and personal growth.

Step 5: Conclusion

Summarise your reflections. Discuss any insights gained about yourself, your skills, and your career ambitions through this exercise.

(Best of Luck)

[Imp. Instruction :- For any confusion regarding the Holiday Assignment or for any assistance, please contact the Subject Teacher/ Class Teacher/Segment In-charge (8407804111) on their respective phone numbers.]