



# Singhania Global Academy Palsana

## Summer Vacation HW-2025

CLASS – 9<sup>th</sup>

Respected Parents/Guardians  
Warm Greeting,

This is for your kind information and necessary action that school will remain closed from 16/05/2025 to 20/06/2025 on the occasion of summer vacation. Some holiday assignment is given to your ward please help him/her in completion this holiday assignment (Holiday Homework) if required you can contact to concerned subject teachers for that phone no is already provided to your ward. This holiday homework carries 10% weightage for the promotion in higher classes as the SBCCE activity as per NEP-

**! Happy Holiday and Best of Luck & Enjoy!**

Regards  
Dr. Narotam Swami  
Principal

### Holiday Homework -Class IX

Subject	Learn & Write	Activity
English	Learn all the taught chapter	<p>Letter Writing</p> <ol style="list-style-type: none"> <li>1. Write a letter to your friend describing your favorite book or movie.</li> <li>2. Write a letter to your parents expressing your gratitude for their support.</li> </ol> <p>Paragraph Writing</p> <ol style="list-style-type: none"> <li>1. Describe a place you have visited that holds special memories for you.</li> <li>2. Write about the importance of environmental conservation.</li> </ol> <p>Kinds of Sentences</p> <ol style="list-style-type: none"> <li>1. Identify and write examples of the following types of sentences: <ul style="list-style-type: none"> <li>- Declarative - Interrogative- Imperative</li> <li>- Exclamatory</li> </ul> </li> <li>✓ 2. Write a short paragraph using all four types of sentences.</li> </ol>
Hindi	<ul style="list-style-type: none"> <li>✓ 1 मुंसी प्रेमचंद जी के 'दो बैलों की कथा' पाठ को पढ़कर उसका सारांश लिखो।</li> <li>✓ 2.हिंदी में कबीर के 10 दोहे लिखकर याद करो।</li> <li>✓ 3.हिंदी में आपके पाठ्यक्रमानुसार अलंकार के लगभग 20 उदाहरण लिखो</li> <li>✓ 4.दो रोचक कहानी लिखो।</li> <li>✓ 5.हिंदी में उपसर्ग और प्रत्यय लिखकर समझो</li> </ul>	<p>प्रतिदिन एक घंटे दैनिक समाचार पत्र या पाठ्य पुस्तक से, एक पाठ का नियमित रूप से अध्ययन करें।</p> <p>प्रतिदिन एक पृष्ठ सुलेख हिंदी की पाठ्य पुस्तक से लिखें।</p>
Mathematics	<ul style="list-style-type: none"> <li>✓ Write and learn all the algebraic Identities.</li> <li>✓ Solve all the Examples of Chapter :- 1 and 2.</li> <li>✓ Solve Exercise 2.3 ,2.4.</li> </ul>	Paste the picture of any two mathematicians and write biography and their achievements.
Science	<p>CHEMISTRY</p> <p>Pg no. 13 (iv) the particles of matter attract each other</p> <p>Pg no. 16 (i) Draw the diagram and explain it</p> <p>Pg no. 27 Very short questions.</p>	<ol style="list-style-type: none"> <li>1. Draw the well labelled diagram of plant and animal cell (page no 18 of Biology Book)</li> </ol>

	<p>Q no. 2,3,4,5,6,8,9,12,13,1</p> <p>Pg no. 28 Short answer Question 25,26,27,28</p> <p>Physics</p> <p>1. Written Work (To be done in your science notebook)</p> <p>A. Answer the following questions (in short):</p> <ol style="list-style-type: none"> <li>1. Define motion. What are the types of motion?</li> <li>2. Differentiate between speed and velocity.</li> <li>3. What is uniform and non-uniform motion? Give examples.</li> <li>4. Define acceleration. What is its SI unit?</li> <li>5. State the differences between distance and displacement.</li> </ol> <p>B. Derivations and Explanations:</p> <ol style="list-style-type: none"> <li>1. Derive the three equations of motion</li> <li>2. Graphical representation of: Uniform motion Non-uniform motion Distance-time graph Velocity-time graph</li> </ol> <p>C. Solve the following numerical problems:</p> <ol style="list-style-type: none"> <li>1. A car starts from rest and attains a speed of 20 m/s in 10 seconds. Calculate its acceleration.</li> <li>2. A body moves with an initial velocity of 5 m/s and accelerates at <math>2 \text{ m/s}^2</math>. Find the distance covered in 4 seconds.</li> <li>3. A train travels at 72 km/h. How much distance will it cover in 25 minutes?</li> <li>4. A body is moving with uniform acceleration. It covers 60 m in the 1st 5 seconds and 150 m in the next 5 seconds. Find the initial velocity and acceleration</li> </ol> <p>2. Learning Work (Memorize the following key concepts)</p> <p>Definitions of: Speed, velocity, acceleration, retardation Uniform and non-uniform motion Scalar and vector quantities SI units of physical quantities in motion Three equations of motion and their use Standard values (e.g., acceleration due to gravity = <math>9.8 \text{ m/s}^2</math>) Graphical interpretation of motion</p>	<ol style="list-style-type: none"> <li>2. Paste the picture of any four scientists and write biography and their achievements.</li> <li>3. Visit to zoo or any National Park ( if Possible) and write down your observation/ paragraph</li> <li>4. Watch the scientist/ Discovery TV Chanel and write down your observation/ paragraph</li> </ol>
<b>SOCIAL STUDIES</b>	Make notes of chapter first in Political sci and learn chapter First in Economics and Geography	Project on Disaster Management
<b>Computer Science</b>	<ul style="list-style-type: none"> <li>✓ Write and learn keywords of Page no. 61</li> <li>✓ Write and learn Let us Revise of Page no. 78.</li> <li>✓ (All work to be done in notebook)</li> </ul>	

