

SYMIC GRAM BHARATI

SUMMER VACATION ASSIGNMENT (2026-27)

CLASS-IX

Dear Students

The holiday homework has been designed keeping in mind the objective of engaging you in self-explorative learning pursuits. Therefore, it is expected of you to do it proactively & insightfully in an organized manner resorting to the following guidelines:

- 1- The holiday homework (assignment or project work) is compulsory for all the students.
- 2- Use a notebook for this work and cover it properly (writing should be neat and legible.)
- 3- If your assignment requires a practical component, create a practical file that covers all the topics specified in the practical syllabus.
- 4- Summer vacation assignment will be submitted to concerned class teacher July 6, 2026.**
- 5- Your notebook should be completely handwritten and include a cover page, index page.
- 6- Holiday homework/Practical/Project file will have weightage that will be included in annual examination.
- 7- Help parents in small household chores like dusting, cleaning and watering the plants.
- 8- Read story books in English and Hindi & Speak in English as much as possible.

Wishing all of you joyful & productive holidays!

STAY HOME, STAY SAFE !!!

Mr. Vikas Pundir

Principal

Gram Bharti

Helpline No: 9412223946, 9458228224

हिंदी

1. निम्नलिखित लेखकों के जीवन परिचय तथा उनकी प्रमुख रचनाओं के नाम लिखिए।
 - (क) मुंशी प्रेमचंद
 - (ख) आचार्य हजारी प्रसाद द्विवेदी
 - (ग) रविदास (संत रैदास)
 - (घ) मीराबाई
2. उदय शंकर भट्ट द्वारा रचित नये मेहमान कहानी का सारांश अपने शब्दों में लिखिए।
3. निम्नलिखित विषयों पर निबंध लिखिए।
 - (क) अनुशासन का महत्व
 - (ख) मोबाइल फोन के लाभ व हानि
 - (ग) दहेज प्रथा
4. पत्र लेखन
 - (क) बिजली समस्या के निराकरण हेतु अपने जिले के बिजली विभाग को एक शिकायती पत्र लिखिए।
 - (ख) आपके मित्र के पिता सीमा पर शहीद हो गए अपनी भावनाएं व्यक्त करते हुए पत्र लिखिए।

ENGLISH

INSTRUCTIONS- Do all work in your holiday homework copy.

1. Write the biography of the writers Mulkraj Anand and Ruskin Bond in your holiday home-Work copy with photos
2. Write the summary of the chapter "THE LOST CHILD".
3. Write 10 lines about Toto from the chapter "The Adventure of Toto."

(Grammar)

1. Write an essay (problem of Terrorism in India OR The police man)
2. Write an application to the principal of your school about sick leave.

(ACTIVITY)

1. Make a colorful chart along with related pictures on the following topics according to your Roll No:

Roll No.	Topics
1-10	the parts of speech
11-20	Prefixes and Suffixes
21-30	Proverbs and Quotations
31 Onwards	Any Poem along with Pictures

MATHEMATICS

RATIONALISE

1. $\frac{1}{(\sqrt{3}+\sqrt{2})}$

2. $\frac{(\sqrt{3}+\sqrt{2})}{(\sqrt{3}-\sqrt{2})}$

3. $\frac{2\sqrt{7}-2\sqrt{5}}{(\sqrt{7}+\sqrt{2})}$

4. Find the value of a & b

5. $a+\sqrt{5}b=\frac{(\sqrt{5}-1)}{(\sqrt{5}+1)}$

6. If $x=\sqrt{2}-1$ find $\frac{x^2+1}{x^2}$

FACTORISE

1. $P(x)=6x^2+13x+6$

2. $P(x)=x^2+5x+6$

3. $P(x)=x^2-7x+12$

4. $P(x)=x^2-x-6$

5. $P(x)=x^2+10x+25$

PROJECT WORK

1. $\sqrt{9.5}$ located on number line.

Do prepare in chart paper and exponential function.

Social Science

- Instructions

Write all work neatly.

Use maps, pictures and charts wherever required.

Complete the work in your own handwriting.

Revise all completed chapters from NCERT.

Section A – History

1. Chapter: The French Revolution

- Answer the following questions:

What were the main causes of the French Revolution?

Describe the condition of the Third Estate.

Explain the significance of the storming of the Bastille.

What were the ideas promoted by revolutionary thinkers?

Write a short note on:

Louis XVI

Robespierre

Reign of Terror

- Activity

Prepare a timeline of important events of the French Revolution using chart paper.

Section B – Geography

2. Chapter: India – Size and Location

- Answer the following:

What is the latitudinal and longitudinal extent of India?

Why is India called a subcontinent?

Explain the importance of India's central location.

Name the neighbouring countries of India.

Differentiate between:

Latitude and Longitude

Gulf and Strait

- Map Work

On an outline map of India, mark:

States sharing international boundaries

Tropic of Cancer

Standard Meridian of India

Neighbouring countries

Arabian Sea and Bay of Bengal

Section C – Civics

3. Chapter: What is Democracy? Why Democracy?

- Answer the following:
 - a) Define democracy.
 - b) What are the features of a democratic government?
 - c) Why is democracy considered better than other forms of government?
 - d) Explain the term “universal adult franchise”.
 - e) Differentiate between democratic and non-democratic government.

- Project Work

Collect newspaper articles related to elections or democracy and paste any two in your notebook with a short explanation.

Section D – Economics

4. Chapter: The Story of Village Palampur

- Answer the following:

What are the main activities of Palampur village?

What are the factors of production?

Explain multiple cropping.

How do small farmers arrange capital for farming?

What are the non-farm activities in Palampur?

- Creative Activity

Prepare any ONE of the following:

A model of the globe or Earth

Poster on “Unity in Diversity”

Chart on Fundamental Rights

विज्ञान (Science)

लिखित प्रश्न (written questions)

1- Explain the difference between mixture and compound.

1- मिश्रण व यौगिक के बीच अंतर को समझाइए

2- Explain the different parts of a plant cell with diagram.

2- चित्र बनाकर पादप कोशिका के विभिन्न अंगों को समझाइए

3- Explain the process of photosynthesis.

3- प्रकाश संश्लेषण की प्रक्रिया को समझाइए

4- Explain atom and molecule.

4- परमाणु व अणु को समझाइए

5- Explain the laws of motion.

5- गति के नियमों को समझाइए

गतिविधि कार्य (Activity work)

1- Explain buoyancy (the principle of floating) through an activity.

1- उत्प्लावन (तैरने का सिद्धांत) को गतिविधि द्वारा समझाइए

2- Make a chart paper to explain the laws of motion.

2- गति के नियमों की व्याख्या करने हेतु एक चार्ट पेपर बनाए

3- Explain condensation and evaporation through an activity.

3- संघनन व वाष्पीकरण को गतिविधि द्वारा समझाइए

प्रोजेक्ट कार्य (Project work)

1- Prepare a model for water conservation. (rainwater harvesting system) (roll no. 1-10)

1- जल संरक्षण हेतु एक मॉडल तैयार कीजिए (rainwater harvesting system) (roll no. 1-10)

2- Prepare a model to understand wind energy and its uses. (roll no. -10-20)

2- पवन ऊर्जा तथा उसके उपयोगों को समझने हेतु एक मॉडल तैयार कीजिए (roll no. -10-20)

3- Prepare a model to take measures to prevent soil erosion. (roll no. - 20-30)

3- मृदा अपरदन को रोकने हेतु उपाय करने के लिए एक मॉडल तैयार कीजिए (roll no. - 20-30)