

LUTHRA ACADEMY HIGH SCHOOL

GANDHINAGAR

SUMMER HOLIDAY HOMEWORK

Class 7th Standard

Academic Session: 2026-27

Class: 7th Standard

GUIDELINES:

- The student should maintain a separate notebook for summer holiday work.
- Students are advised to include yoga, exercise, and prayers in their daily routine to stay physically fit and mentally peaceful.

MATHEMATICS

1. INTEGERS

1. Solve the following basic integer operations neatly:

- $(-18) + (-25)$
- $(-40) - (12)$
- $(-5) \times (-12)$
- $(-72) \div (-9)$

2. In a quiz, positive marks are given for correct answers and negative marks for incorrect ones. If Jack's scores in five successive rounds were **25, -5, -10, 15, and 10**, find his total score at the end.

3. State and verify the distributive property of multiplication over addition with an example using three integers of your choice.

2. FRACTIONS AND DECIMALS

1. Solve the following fraction problems:

- $2 - (3/5)$
- $(4/5) \times (2/3)$
- $(3/7) \div (6/14)$

2. A rectangular sheet of paper is $12 \frac{1}{2}$ **cm** long and $10 \frac{2}{3}$ **cm** wide. Find its perimeter.

3. Find the values of these basic decimal multiplications and divisions:

- 2.5×0.3
- $4.8 \div 100$
- $30.94 \div 0.7$

SCIENCE

HEAT

1. State two main differences between a Laboratory thermometer and a Clinical thermometer. Why does a clinical thermometer have a kink in its tube?

2. Define and give one everyday life example for each of the following heat transfer processes: (a) Conduction, (b) Convection, (c) Radiation.

3. Why are we advised to wear light-colored clothes in summer and dark-colored clothes in winter? Explain simply.

HINDI (हिंदी)

1. पाठों पर आधारित प्रश्न

- मिठाई वाला:** मिठाई वाला बच्चों से इतना स्नेह क्यों करता था? वह अलग-अलग समय पर अलग-अलग चीज़ें (खिलौने, मुरली, मिठाई) क्यों बेचता था?
- पापा खो गए:** 'पापा खो गए' नाटक में आपको सबसे मज़ेदार या सजीव पात्र कौन-सा लगा और क्यों? संक्षेप में लिखिए।
- शाम एक किसान:** इस कविता में कवि ने शाम के प्राकृतिक दृश्य की तुलना एक किसान के रूप में किस प्रकार की है? स्पष्ट कीजिए।

2. हिंदी व्याकरण अभ्यास

- संज्ञा:** संज्ञा किसे कहते हैं? इसके भेदों के नाम लिखकर प्रत्येक के दो-दो उदाहरण अपनी कॉपी में लिखिए।
- सर्वनाम:** सर्वनाम की परिभाषा लिखिए तथा इसके मुख्य भेदों को उदाहरण सहित समझाइए।
- पर्यायवाची शब्द (11 से 20):** अपनी व्याकरण तालिका से शब्द संख्या 11 से 20 तक के सभी पर्यायवाची शब्द (प्रति शब्द दो अर्थ) याद करके कॉपी में लिखिए।
- लिंग बदलो (11 से 20):** अपनी व्याकरण पुस्तक के अनुसार लिंग बदलो संख्या 11 से 20 तक पूरा कीजिए।
- मुहावरे (20 से 30):** मुहावरे संख्या 20 से 30 तक के अर्थ लिखिए और उनका सार्थक वाक्यों में प्रयोग कीजिए।
- प्रार्थना पत्र:** कक्षा कार्य (Classwork) में करवाए गए औपचारिक प्रार्थना पत्र को याद करके दो बार अपनी कॉपी में लिखें।

3. निबंध लेखन (शब्द सीमा: 100-150 शब्द)

नीचे दिए गए दोनों विषयों पर सुंदर और सरल भाषा में निबंध लिखिए:

- मेरा प्रिय अध्यापक
- दीपावली

4. अपठित गद्यांश

अपनी व्याकरण पुस्तक या किसी कहानी की किताब से कोई भी **तीन अपठित गद्यांश (Unseen Passages)** पढ़कर उनके नीचे दिए गए प्रश्नों के उत्तर अपनी गृहकार्य कॉपी में ढूंढकर लिखिए।

ENGLISH

LITERATURE FOCUS

- A Gift of Chappals (Prose):** Why did the children decide to give the music master's chappals away to the beggar? How did Rukku Manni react to this act?
- The Rebel (Poem):** Who is a rebel? Based on the poem, write down any three characteristics or behaviors shown by a rebel when dealing with group choices.
- Bringing Up Kari (Short Story):** Describe how Kari saved the drowning boy. Mention any one instance that shows Kari was a mischievous but intelligent elephant.

GRAMMAR & WRITING SKILLS

1. **Noun Numbers:** Review rules for changing nouns from Singular to Plural forms. Write down the plural forms of:
child, wolf, army, match, tooth, safe, phenomenon, and deer.
2. **Unseen Passage Practice:** Read any three basic unseen passages or stories and solve the short question sheets attached to them in your workbook.
3. **Formal Letter & Paragraph:**
 - Practice writing the exact formal letter format completed in your school classwork notebook.
 - Write a brief descriptive paragraph (60–80 words) about your personal favorite summer activity at home.
4. **Essay Writing Portfolio:** Practice writing basic, direct essays (100–120 words) on any **one** topic:
 - Topic 1: Value of Games and Sports
 - Topic 2: Uses of Internet

SOCIAL SCIENCE

1. HISTORY: KINGS AND KINGDOMS

1. Who were the samantas? How did they manage to gain power and assert themselves as independent rulers over time?
2. What was the significance of the 'Tripartite Struggle' in early medieval India? Name the three dynasties involved in it.

2. CIVICS: ROLE OF GOVERNMENT IN HEALTH

1. What do you mean by public health care services? How are they different from private health services in terms of cost and availability?
2. State any two primary responsibilities or steps the state government should implement to improve general health facilities for rural communities.

3. GEOGRAPHY: INSIDE OUR EARTH

1. Name the three main layers of the earth in order from the outermost surface to the interior part. Which is the thinnest layer?
2. What are rocks? Briefly differentiate between Igneous, Sedimentary, and Metamorphic rocks.

Creative Project Work: Make a simple, creative 3D model of the ****Earth's Layers (Crust, Mantle, and Core)**** using easily available household crafting materials like colored clay, playdough, cardboard, or painted paper-mâché. Label each interior layer cleanly.

A MESSAGE FOR THE SUMMER BREAK / ग्रीष्मकालीन अवकाश संदेश

"Learning is a beautiful journey, but a healthy body and a calm mind are the vessels that carry us through it. Use these holidays not just to feed your mind with books, but to enrich your life with health, gratitude, and joy."

"शिक्षा एक सुंदर यात्रा है, लेकिन एक स्वस्थ शरीर और शांत मन वह माध्यम हैं जो हमें इसमें आगे ले जाते हैं। इन छुट्टियों का उपयोग केवल किताबों से ज्ञान प्राप्त करने के लिए ही नहीं, बल्कि अपने जीवन को स्वास्थ्य, कृतज्ञता और आनंद से समृद्ध करने के लिए भी करें।"

Stay safe, rest well, and enjoy your summer break to the fullest!

सुरक्षित रहें, स्वस्थ रहें और अपनी छुट्टियों का पूरा आनंद लें!