

ADARSH GYANODAYA VIDYALAYA
SUMMER HOLIDAY HOMEWORK — JUNE 2026

CLASS X (TEN)

Dear Parents and Students: Summer holidays are here! Please complete all homework neatly in your respective fair copies and charts. Answers must be written in proper format with subject name and date.

1. Academic Writing & Learning Routine

Subject	Homework Details & Tasks
Mathematics	<p>Q1. Complete fair copy up to Ch-3</p> <p>Q2. Learn about Number System</p> <p>Q3. Learn Polynomial</p> <p>Q4. Learn graphs of Polynomial in two variables</p>
Science	<p>Physics:</p> <ul style="list-style-type: none">• Draw all the ray-diagrams for the formation of image in spherical mirrors, convex lens and concave lens.• Explain the nature, position and size of the images in different cases. <p>Chemistry:</p> <ul style="list-style-type: none">• Explain the process of formation of Bleaching Powder, Caustic Soda, Baking Soda, Common Salt, Plaster of Paris and Baking Powder with chemical equations involved.• Write two uses of each of the above compounds. <p>Biology:</p> <p>Draw neat and labelled diagrams of the following and explain their functions:</p> <ol style="list-style-type: none">Human Digestive SystemHuman Respiratory SystemHuman HeartNephron <p>NOTE: Students are instructed to complete their practical copy and fair copy regularly up to the chapters covered in class.</p>
हिंदी	<ol style="list-style-type: none">1. फेयर नोट्स अपडेट करें (Update fair notes — complete)2. अपने गद्यखंड के पाठ-1 से पाठ-4 तक सभी प्रश्नों को याद करके आना है3. पद-परिचय, अलंकार, वाक्य — सभी लिखकर एवं याद करके आना है4. 'कबीर जी' का चित्र सहित उनके प्रमुख दोहों को चार्ट पेपर पर लिखकर एवं बनाकर लाना है
English	<p>Q1. Write the summary of the poems "Dust of Snow" and "Fire and Ice".</p> <p>Q2. Are there people like Lencho in the real world? What kind of a person would you say he is?</p> <p>Q3. There are two kinds of conflict in the story: between humans and nature, and between humans themselves. How are these conflicts illustrated?</p> <p>Q4. There are many ideas about how the world will 'end'. Do you think the world will end some day? Have you ever thought what would happen if the Sun got so hot that it 'burst', or grew colder and colder?</p> <p>Q5. How did Mandela's 'hunger-for-freedom' change his life?</p> <p>Q6. Do you think people like Anil and Hari Singh are found only in fiction, or are there such people in real life?</p> <p>Q7. Learn Tenses, Modals and Determiners.</p> <p>Q8. Learn Clause and its kinds.</p> <p>Q9. Learn Gerund and Infinitive.</p> <p>Q10 (Project): On chart paper, draw or paste the picture of Rabindranath Tagore or Khushwant Singh and write about their life and literary contributions.</p>
Social	<p>Write answers in 150–160 words each:</p>

Science (S.St)	<p>Q1. Briefly trace the process of German Unification.</p> <p>Q2. How was the history of nationalism in Britain unlike the rest of Europe?</p> <p>Q3. Why is the issue of sustainability important for development?</p> <p>Q4. Explain the land use pattern in India and why has the land under forest not increased much since 1960–61?</p> <p>Q5. How have technical and economic development led to more consumption of resources?</p>
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2. Chart Work & Projects

Subject	Project / Chart Details
हिंदी परियोजना	<ul style="list-style-type: none"> • 'कबीर जी' की चित्र बड़े चार्ट पेपर पर चिपकाएँ • उनके प्रमुख दोहों को सुंदर लिखावट में चार्ट पर लिखें • दोहों का अर्थ भी संक्षेप में लिखें • चार्ट को रंगीन और सुव्यवस्थित बनाएँ
English Project	<ul style="list-style-type: none"> • Draw or paste the picture of Rabindranath Tagore OR Khushwant Singh on chart paper • Write about their early life, major literary works, awards and contribution to Indian literature • Present the chart in a neat and creative layout
Science Biology Chart	<ul style="list-style-type: none"> • Draw large, neat and clearly labelled diagrams on chart paper: <ul style="list-style-type: none"> (i) Human Digestive System (ii) Human Respiratory System (iii) Human Heart (iv) Nephron • Write the function of each organ/structure beside its label
Science Physics Chart	<ul style="list-style-type: none"> • Draw ray diagrams for image formation in: (i) Spherical mirrors (ii) Convex lens (iii) Concave lens • For each case, mention the nature, position and size of the image formed

Status Checklist

[] Subject	[] Subject
[] Mathematics	[] Social Science (S.St)
[] Science (Phy/Chem/Bio)	[] हिंदी
[] English	[] Charts & Projects

Wishing all students a Happy, Healthy & Productive Summer!