

PRAYAG PUBLIC SCHOOL
SUMMER VACATION HOME WORK (2026-27)
CLASS – 8th

English (literature+language)

Literature

Chapter: “The Wit That Won The Hearts (prose)”,and The concrete Example (poem)

Instructions:

Read the chapter “ The Wit That Won The Hearts (prose)”,and The concrete Example (poem) carefully, find the following and Write them down.

- (1) ●Nouns,●Pronouns,●Adjectives,●Adverbs ●sentences and state their kinds.
- (2) Vocabulary Work:- Write and learn the meaning of Glossary and Hard words,and make simple sentences using them.
- (3) Revision Work:Learn all questions and answers.
- (4) Comprehension Work:Read the chapter carefully ,frame questions (at least 2) from each paragraph and write their answers in your own words.
- (5)Character Sketch :- Write a character sketch of the main character of the chapters.
- (6) Find figures of speech or poetic devices in the poem.

LANGUAGE

- (1) Learn and write the definition and kinds of nouns, pronouns, verbs, adjectives, and adverbs with examples.
- (2) Write the definition and kinds of sentences with examples.
- (3) **words that often confuse**
(Learn and write) Pages No- 212: 9, 15, 25,22,38
Page no 222: Exercise 3 only
- (4) **Spelling rules** Page no.230: Exercise 4 and 5
- (5) **Idioms** Page no.:206
Learn and write: 56, 7, 13 17, 22, 24, 4, 2 ,50,52
- (6)Write a letter to the Editor about the problem of increasing Road accident in your locality.
- (7)Write a letter to the Editor on the issue of plastic waste and its harmful effects.
- (8)Write a letter to the Principal requesting extra classes for weak students.
- (9) Pg no, 238 - passage 2 only
Pg 252 - Exercise 2: Q1,4 and 10
Pg 256 - Exercise: Q7 ,8 and 9

Subject: Hindi

1. पाठ-1 'स्वदेशी' कविता, शब्दार्थ तथा प्रश्न उत्तर याद करके लिखें।
2. पाठ -2 'दो गौरैया' कहानी को पढ़ें, सभी कठिन शब्दों को रेखांकित करें तथा किन्हीं 10 नए शब्दों से वाक्य बनाएं।
3. पाठ 2 'दो गौरैया' कहानी को पढ़ें तथा अन्य रूप से उसकी समीक्षा लिखें-
 - क. आपके अनुसार पाठ के नाम की क्या सार्थकता है?
 - ख. कहानी का मुख्य उद्देश्य क्या है?
 - ग. आपके अनुसार कहानी का मुख्य पात्र कौन है और क्यों है?
 - घ. इस कहानी का सारांश अपने शब्दों में लिखें।
4. पाठ 3 'एक आशीर्वाद' को पढ़ें तथा उसमें प्रयुक्त हुए विभिन्न भाषाओं के शब्दों को अलग-अलग लिखें।
5. "विद्यालयों में नैतिक शिक्षा की अनिवार्यता" विषय पर लगभग 150 शब्दों का अनुच्छेद लिखें।
6. अपने चचेरे भाई / बहन को अपनी गर्मी की छुट्टियों की योजना बताते हुए पत्र लिखें।
7. भाषा, लिपि और व्याकरण की परिभाषा उदाहरण सहित याद करके लिखें।
8. मुहावरे 1 से 4 तक और लोकोक्तियां 1 से 6 तक लिखकर याद करें।
9. विलोम शब्द अधिक से हर्ष, तक पर्यायवाची शब्द अहंकार से ईश्वर तक तथा अनेकार्थक शब्द अंक से अवधि तक लिखकर याद करें।
10. क्रियात्मक गतिविधि एक चार्ट पेपर पर किसी सुंदर प्राकृतिक दृश्य का चित्र बनाएं तथा उसका वर्णन अपनी भाषा में लगभग 100 शब्दों में करें।

Mathematics

1. Learn and write square and cube numbers from 2 to 30.
2. Do practice questions (F.I.O → Pg 10, 16) → NCERT and subjective questions given on Pg No (8, 10, 11) from worksheet.
3. Do practice of *prime factorisation* and *long-division method* by framing at least (5–5) questions each.
4. Try to recapitulate all laws of *exponents*.
5. Do practice case-study / assertion–reason questions of worksheet (Square and Cube No. / Power Play).
6. Do practice questions (F.I.O → Pg 44 and 45) → NCERT and subjective questions given on Pg .No (14/15 and 18/19) → worksheet.
7. *Modeling Squares (Activity Based):*
Use 64 unit squares to build a large square. What is the side length?
If you are given 50 unit squares, can you make a perfect square? Explain.
8. *Pythagorean Triplet (Activity Based):*
Use formula $(2m, m^2 - 1)$ and $(m^2 + 1)$ to construct 5 different Pythagorean triplets and verify that they satisfy $(a^2 + b^2 = c^2)$.

Computer

- Que 1: Prepare a Chart on types of network architecture.
- Que 2: Explain the difference b/w hub and switch with figure.
- Que 3: Explain the advantages of computer networking.
- Que 4: Write an HTML code on Given Topics:
a. Importance of AI b. Network Security
- Que 5: Write a HTML program to print about "About My Summer Vacation" Must Include:
(i) Heading with your name
(ii) Ordered List of 5 places / activities you did A table of "week vs Hours I studied"
(iii) images from your vacation
- Que 6: Design an A4 size poster on "5 Cyber Security Rules for Students".
- Que 7: Draw a diagram of all devices connected to your home Wi-fi. Label each device + connection type: wired / wireless.
- Que 8: Write on "E-learning" with the help of Internet.(100 words)
- Que 9: What is the uses of and tag?
- Que 10: Write steps to create Tables in HTML5.

Social Studies

1. Learn and write all the key terms of Chapter -1 and 2 from workbook.
2. Learn all exercises and question answer of Chapter -1
3. Read chapter -3 underline all Hard words and write their meanings in book with the help of dictionary.
4. Read chapter -3 frame 10 questions with answers.
5. Prepare a short speech on the topic " Save our Resources" and be ready to deliver it after Summer vacation.
6. Create a colorful timeline of the Maratha Empire starting from the birth of Shivaji Maharaj to the coronation.
7. Draw an Indian Political map and Mark the kingdoms in Deccan and the Vijaynagara Empire.
8. Write the importance of resources in the economy of any place.
9. Draw the Political map of India and mark the places where different natural resources are found using separate colours for each.

Subject -Science

1. Explain the difference between a mixture and a compound using water and a salt-water solution as examples.
2. Define Elements, Compounds, and Mixtures. Provide three examples of each that can be found in a typical household.
3. If you are given a mixture of sand, salt, and iron filings, describe the step-by-step physical methods you would use to separate each component. Write each step in your holiday homework copy .
4. Compare Gravitational Force with Magnetic Force. Mention one similarity (e.g., non-contact) and one major difference between them.
5. Microorganisms play a vital role in the food industry. Explain the process of how Lactobacillus bacteria turn milk into curd. Additionally, name a fungus used in the baking industry and explain its role in making bread fluffy.
6. Microorganisms produce toxic substances when they grow on our food.
 - a. What is this condition called?
 - b. List three common symptoms of food spoiling.
 - c. Suggest two ways we can prevent microorganisms from spoiling our food at home.
7. Create a table comparing Solids, Liquids, and Gases based on their shape, volume, and intermolecular space.
8. Name the five major groups of microorganisms and provide two specific examples for each group.
9. Explain the difference between an observation and an inference with a suitable example for each.
10. Draw the following on chart paper:
 - (a) Animal cell and plant cell with all its essential organelles and classify the difference in between them.
 - (b) Nitrogen Cycle
11. Write and learn all question answer from chapter -1 (Exploring the investigative world of Science from work book)
12. Mark the hard word / Scientific Word of chapter -7 (Particulate Nature of Matter) and write their proper meaning in English