

Prayag Public School
Winter Vacation Homework (2025-26)
Class – 6th

Note: Do all the given homework in the homework register.

Subject – Mathematics

1. Learn and write 2 to 25 tables.
2. Learn and write 2 to 25 square numbers.
3. Learn and write 2 to 15 cube numbers.
4. Learn and write definitions of:
 - Prime number
 - Composite number
 - Angle
 - Types of angles
 - Perimeter
 - Area
 - Fraction
 - Types of fractions
5. Do all workbook exercises of Chapter – 2 (Lines & Angles) in homework copy.
6. Fill workbook exercises of Chapter – 9 Symmetry in book.
7. Do sums of “HOTS” and “Mental Maths” of Chapter – 6 and 7 in homework copy.
8. Prepare a report including:
 - Temperature of your city for 7 days
 - Average temperature
 - Highest and lowest
 - Draw a bar graph
9. Imagine you have Rs. 2000. Make a shopping list within this amount.

Science

1. Read Chapter-7 “Temperature & its Measurement” and Chapter-11 “Nature’s Treasures”, mark hard words, write hard words, Hindi and English meaning of difficult words in homework copy.
2. Learn workbook exercises and Q/A of Chapter-3 and Chapter-5.
3. Learn and write key terms of Chapter-3, 5, 9 and 10 in homework copy.
4. Using objects around you, create a model that exhibits a type of motion. Explain your findings and observations based on your model.
5. Prepare a chart-listing various vitamins and minerals, their sources, and the deficiency diseases caused by their absence.
6. List any five healthy eating habits you follow at home.
7. Write a short paragraph on:
“Why measurement is important in our daily life?”
8. Draw a labelled diagram of a thermometer on an A4 sheet.

Computer

1. Read Chapter-6 (Introduction Krita) and Chapter-7 (Introduction to Make Code Arcade), identify hard words and terms, mark them and write them in homework copy.
2. Write a short note on the following:
 - (i) Artificial Intelligence
 - (ii) Robotics
 - (iii) Virtual Reality
 - (iv) Cloud computing
 - (v) Online learning
 - (vi) Smart devices
 - (vii) Python
 - (viii) Make Code Arcade
 - (ix) Krita
 - (x) Line Tool
3. Draw algorithm and flowchart of:
 - To find the addition of two numbers.
 - To find the average of three numbers.
4. Draw and color flowchart symbols on an A4 sheet (page no. 110).
5. Learn exercises and Question /Answer of Chapter-5 (Emerging Trends).

Social Science

1. Read Chapter-6 "The Beginning of Indian Civilisation" and Chapter-14 "Economic Activities Around Us", learn and mark hard words; note down the English meaning of difficult words from dictionary.
2. Solve Class Test Round-1 & 2 Question Paper in homework copy from workbook pg. no. 82 to 85.
3. "If I were the Prime Minister, what 3 changes would I bring? Why those changes are needed? How will I implement them?"
(Write in 80-100 words)
4. On an A4 sheet, draw a model village showing:
Panchayat office, school, health care, fields, roads, market, water source.
(Colour it)
5. Learn and write the definitions of terms from Chapter-3, 10, 11, 5 and 8 in homework copy.
6. Draw an Indian Political Map and mark all States and Capitals on it, on a half piece of chart paper. (Colour it neatly)

English

1. Read English newspaper or story book everyday, find 5 new words, write in homework copy with meaning.
2. Read Chapter-12 and Chapter-13 (Yoga — A way of life and Humara Bharat — Incredible India) identify and underline adjective, adverb, conjunction and interjection.
3. Write a diary entry (80-100 words) on —
(a) "A day I helped someone"
(b) "A day I felt very happy"
4. Write a short story (100-120 words) with the help of the outline and give a suitable title.
(a) A child visits a park daily — One day a tree starts talking — The child promises to protect nature.
(b) A student finds a strange pencil — whatever is written becomes true — Uses it carelessly first — Learns to use it wisely.

From English Language book

5. Learn words that often confuse (30 to 50) (pg. no. — 147, 148, 149)
6. Learn Synonyms (from journal to wearisome) pg. no. — 155
7. Learn Antonyms (from close to mature) pg. no. — 156
8. Answer the given passage of pg. no. — 163 to 167 in book.

Hindi

1. 'चेतक की वीरता' नामक पाठ से 12 लाइनों की कविता याद करके लिखिए।
2. पाठ- हिंद महासागर में छोटा सा हिन्दुस्तान और पेड़ की बात पढ़ें तथा संज्ञा, सर्वनाम और विशेषण शब्दों को रेखांकित करें।
3. विराम चिह्न की परिभाषा और उनके प्रकार उदाहरण सहित लिखकर याद करें
पाठ्य पुस्तक व्याकरण वारिधि से
4. विलोम शब्द याद करें (Pg. no. - 102)
5. पर्यायवाची शब्द याद करें (Pg. no. - 104)
6. मुहावरों के अर्थ याद करें (Pg. no. 115-116)
7. एक औपचारिक तथा एक अनौपचारिक पत्र लिखिए।
8. अपठित पद्यांश को पढ़कर उत्तर homework copy में लिखिए - (Pg. no. - 121, 122, 123)
9. प्रश्न पत्र-1 और 2 के उत्तर पाठ्य पुस्तक में लिखें pg. no. - (154 to 157)
10. निम्न विषयों पर अनुच्छेद लिखें (80-100 शब्दों) -
(a) जल संरक्षण
(b) एक अच्छा नागरिक।

Sanskrit

1. पठ् अथवा गम् धातु के रूप लिखिए (पाँचों लकार)।
2. बालक अथवा राम का रूप लिखिए।
3. अपनी पाठ्यपुस्तक से कंठस्थ कोई दो श्लोक लिखिए।
4. पाठ-9 (Pg. no. - 56) को पढ़कर हिंदी अनुवाद homework copy में लिखिए।

HAPPY WINTER