

NAV PRAYAG PUBLIC SCHOOL

WINTER VACATION HOME-WORK(2025-26)

CLASS - 7th

SUBJECT - SCIENCE

Q1. Draw the structure of human heart and explain its working mechanisms.

Q2. What are WBCs and RBCs?

Q3. Mark the difficult words / Scientific words of chapter -7 (Transportation in Animals and plants) and write their proper meaning in both in Hindi & English.

Q4. Mark the hard words/ Scientific words of chapter -8 (Reproduction in plants), and write their meanings in both in Hindi & English.

Q5. What is an electric circuit? Draw a simple circuit diagram and label its parts.

Q6. What are acids and bases? Write one example of each found in daily life.
Write and learn 10 chemical formulas of both acids and bases

Q7. How does an indicator help to identify acids and bases? Name any two indicators.

Q8. What is respiration? Write the difference between aerobic and anaerobic respiration.

Q9. Explain the process of breathing in humans with the help of a neat diagram.

Q10. Test any three household substances (like lemon juice, soap solution, baking soda) using natural indicators such as turmeric or china rose. Record your observations in a table.

SUBJECT - COMPUTER

Q1. Learn & Write 3-3 key terms of chapter- 7 and chapter -8.

Q2. Write a program using variable block to calculate the square of any number in make code arcade.

Q3. Write a program in python to perform all arithmetic operations.

Q4. WAP in python to calculate the area of the square.

SUBJECT - MATHEMATICS

Q1. Write and learn the square number from 2 to 30.

Q2. Write and learn the cube number from 2 to 25.

Q3. Solve the Assignment 02 of **Chapter- Rational Number** from work book.

Q4. Solve the Assignment 03 and Revision Assignment of **Chapter- Perimeter and Area** from work book.

Q5. Solve the Assignment 02 and 03 of **Chapter- Equations** from workbook.

SUBJECT - S.ST.

Q1. Learn & Write the given terms (2 times) From Book.
(Profit, Wholesale, Exporter, Desert, Basin, Delta, Pastoralist, Hospice, Hagiography, Animism)

Q2. Read Chapter “Devotional Path to the Divine” Mark all hard words and write their meaning in book and do Question No. 1, 2 and 3 in Work Book.

Q3. Read Chapter “ Life in Desert” and write 5 differences between Hot Desert and Cold Desert and do Question No. 1 and Question No-3 in Work Book.

Q4. Read Chapter “ Market around Us “ frame 5 questions with answers by yourself and Do Question -1and 2 in Work Book.

Q5. **Map Work**
Mark All States on Indian political map discussed in **Chapter -7**
(History – The making of regional Culture)

SUBJECT – HINDI

- पाठ - 13 एक स्वतन्त्रता सेनानी पर आधारित पाठ है। इस पाठ को पढ़े और सभी महत्वपूर्ण घटनाओं की एक सूची बनाएँ।
- शब्द-सूजन दिए शब्दों से वाक्य बनाइए: (शीत, कोहरा, अवकाश, ऊनी वस्त्र, सूर्य)
- पाठ - 10 और पाठ - 11 के सभी प्रश्नोत्तर याद कर लिखें।

व्याकरण

- संवाद लेखन : दो मित्रों के बीच संवाद लिखिए: विषय – ठंड में स्कूल जाना (6–8 संवाद)।
- प्रतिदिन 5- विलोम शब्द , 5- पर्यायवाची शब्द , 5- वाक्यांश के लिए एक शब्द याद करें।

SUBJECT – ENGLISH

Q1. Describe the Character of Willy Wonka in 5 points

Q2. Find 5- Nouns, 5- Verbs, 5- Adjectives from the Chapter- Invention of Vita wonk.

Q3. Read chapter Homage to our brave soldiers, underline all difficult words and find out their meanings and frame 10 very short questions with answers..

Q4. Write a paragraph on "why we salute our soldiers"

Q5. Read chapter Homage to our brave soldiers and find 5 - abstract nouns related to bravery and sacrifice.

Q6. Make a poster for Indian soldiers with patriotic slogan.

Q7. Write an application to your Headmaster for permission to arrange a friendly cricket match.