



# *John Wesley Convent, Rohtak*

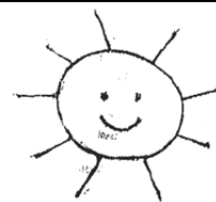
*Summer Vacation Home Work (2025-26)*

**Class: VIII**



***Hurrah!***

***Break Time.....***



## ***General Instructions:***

- Do your holidays homework in a very neat and tidy manner.
- Do the written work in a separate Notebook.
- Parents should converse most of the time in English with their wards.
- The submission date for the homework for English & Maths is **04/07/2025**.
- The submission date for the homework for Hindi & Science is **05/07/2025**.
- The submission date for the homework for Social Science & Art & Craft is **07/07/2025**.
- The submission date for the homework of IT & GK is **08/07/2025**.



## **English**

Roll No 1 to 10

### **1. Around The World in 5 Days” Passport Project**

Make a creative passport and “visit” 5 countries.

#### **Instructions**

- \* For each country: write 3 sentences about what you did or see there
- \* Paste/draw a flag and a food item
- \* Stamp it with a made-up holiday stamp

Roll no 11 to 20

### **Fairy Tale with a Twist**

#### **Instructions:**

- \* Choose a well-known fairy tale (e.g., Cinderella, Jack and the Beanstalk) and rewrite it
- \* Set in the future, or in space
- \* From the villain’s point of view
- \* With a modern or funny ending

(Example: “Goldilocks gets arrested for breaking and entering!”)

Roll no 21 to 30

### **English Puzzle Creation**

### Instructions:

\* Create your own:

Crossword puzzle (with 10 vocabulary words)

\* Word search based on a theme (travel, books, animals)

\* Riddle set (5–10 riddles using clever wordplay)

Roll no 30 onwards

### Recipe + Story

#### Instructions:

\* Write a recipe (real or made-up), and add a short story behind it.

Example:

Recipe: "Chocolate Volcano Cupcake"

\* Create a TV Ad

Write the script for a fun TV advertisement for a fictional product.

Example products:

A backpack that can fly

Homework that does itself

Ice cream that changes flavor on command

B. Imagine you are a nitrogen molecule traveling through nature. Write a short story (100-150 words) describing your journey through air, plants, and animals.

Writing- Do the following writing Topics in your English Notebook

Q1 Write a diary entry (100-120 words) on the topic: "A Time I Overcame a Challenge."

Q2 Write a notice for an Inter-school Debate Competition to be held on 15th July in your school auditorium. Mention the last date of registration.

**Grammar-** Do the given Worksheet.

### Hindi

1. व्याकरण पाठ 1 (भाषा बोली लिपि और व्याकरण), पाठ 2 (वर्ण विचार), पाठ 3 (संधि), पाठ 4 (शब्द-विचार), पाठ 5 (अनेकार्थक शब्द), पाठ 6 (पर्यायवाची शब्द), पाठ 7 (विपरीतार्थक शब्द), पाठ 8 श्रुति समभिन्नार्थक शब्द, औपचारिक तथा अनौपचारिक पत्र लेखन व अनुच्छेद लेखन याद कीजिए।

2. भारत की खोज

पाठ 2 (तलाश) पढ़िए व 15 अति लघु प्रश्नोत्तर खोज कर स्कैपबुक में लिखिए।

3 अनुक्रमांक के अनुसार चार्ट बनाइए।

अनुक्रमांक 1 से 10

संधि की परिभाषा उसके भेदों के नाम और उससे संबंधित 10-10 उदाहरण लिखिए।

अनुक्रमांक 11 से 20

समास की परिभाषा , भेदों के नाम कथा उससे संबंधित 5-5 उदाहरण लिखिए।

अनुक्रमांक 21 से 30

श्रुतिसम भिन्नार्थक शब्दों से संबंधित 15-15 शब्द लिखिए। अनुक्रमांक 31 से 44 तक

पहले 20 पर्यायवाची शब्दों का चार्ट सुंदर लेख में तैयार कीजिए।

4. नाइट्रोजन के स्रोत, नाइट्रोजन का चक्र तथा नाइट्रोजन का हमारे जीवन में महत्व पर एक आकर्षक पोस्टर तैयार कीजिए।
5. दो अनुच्छेद तथा दो पत्र (औपचारिक तथा अनौपचारिक) सुंदर लेख अपनी उत्तर पुस्तिका में लिखिए।

अनुच्छेद-

1. मन के हारे हार है, मन के जीते जीत
2. विद्यार्थी जीवन में अनुशासन का महत्व

पत्र-

1. अपनी बड़ी बहन के विवाह पर अपनी सखी को पत्र लिखकर निमंत्रित कीजिए।
2. अपने क्षेत्र में जमा गंदगी के बारे में बताते हुए स्वास्थ्य अधिकारी को पत्र लिखिए

### Sanskrit

- नाइट्रोजन चक्र का सुंदर चित्र बनाते हुए उसके विषय में पांच पंक्तियां संस्कृत में लिखिए ।
- कक्षा कक्ष में कराया गया व्याकरण कार्य शब्द रूप - बालक, पुष्प , धातु रूप - खाद्, पठ् लट, लृट, लङ् लकारः संख्या वाचकः 1 से 100, वर्ण संयोजन, वर्ण विच्छेद सन्धि- स्वर सन्धि दीर्घ सन्धिः, यण सन्धि, पत्र - 'जन्मदिवस पर मित्र को निमंत्रण पत्र, निबन्ध - विद्यायाः महत्त्वम्' अलग उत्तर पुस्तिका में लिखकर याद कीजिए ।
- अनुक्रमांक 1 से 10 श्रीमद्भगवद्गीता के दो श्लोक A3 शीट पर अर्थ सहित लिखिए और याद कीजिए ।
- अनुक्रमांक 11 से 20 सदाचार से संबंधित दो श्लोक A3 शीट पर अर्थ सहित लिखकर याद कीजिए ।
- अनुक्रमांक 21 से अन्तिम दो सूक्तियां अर्थ सहित A3 शीट पर लिखकर याद करें

### Maths

Practice Work

1. Revise the following chapters with the help of Allen Foundation -1.
  - Chapter 1(Rational Numbers)

- Chapter 2(Squares and Square Roots)
  - Chapter 3( Cubes and Cube Roots)
  - There will be a test of these three Chapters after Summer Holidays
2. Practice Exercise -1 and Exercise -2 of these chapters in Allen book.
  3. Write and learn Tables upto 20 in Practice notebook at least 2 times.

#### Project Work

- 1 Prepare a working model on Squares and Square roots.(Roll no 1-10)
- 2 Prepare a model on Rational Numbers.(Roll no 11-20)
- 3 Prepare Double Bar Graph on Thermocol or on Cardboard for the following data:  
Percentage of toppers of CBSE in 10th and 12th in last 3 years.(20-30)
- 4 Prepare a Geoboard (Roll no 30 onwards).  
\* Make a model to illustrate the nitrogen cycle using Graphs.
5. Explore about Nitrogen  
Topic. :- Calculating amount of Nitrogen in different fertilizers.

#### Instructions:-

1. Calculate amount of Nitrogen in different fertilizers.
2. Express them in ratio.
3. Compare these ratios and find the fertilizer having maximum amount of Nitrogen.
4. Analyze the data and find effect of Nitrogen on plant growth.

### Science

#### 1.Revise syllabus done till date

- Ch-Crop Production and Management (Biology)
  - Ch-Force and Friction(Physics)
  - Ch-Microorganisms:Friend and Foe(Biology)
  - Ch-Friction (Physics)
2. Project Work
    - Roll No (1 to 5)- Nitrogen Cycle Model: Create a 3D model illustrating the nitrogen cycle in the environment.
    - Roll No (6 to 10)- Nitrogen Molecule Model: Build a model of a nitrogen molecule (N<sub>2</sub>) using balls and sticks.
    - Roll No (11 to 15)- Design a model of sustainable farming system incorporating nitrogen-fixing plants.
    - Roll No (16 to 20)- Investigate nitrogen-fixing plants and their role in agriculture. Present them on full chart.
    - Roll No (21 to 25)-Organic Farming Model:(Students can Create a miniature organic farm using cardboard, clay, or recycled materials to show various components of farming like soil, crop rotation, fertilizers, composting etc)
    - Roll No (26 to 30)- Electric Lift Elevator Working Model:(Students can use motor, Pulley system, String/wire, Cardboard or foam board, battery etc to explain basic elevator principles.
    - Roll No (31 to 35)-Automatic Street Light: Students can use Light Sensor, Arduino, LED or Bulb, Battery etc to represent the automatic operation of street light to save electricity.
    - Roll No (36 onwards)-Rain Water Harvesting: Students can create Miniature Rooftop by using material such as

- Cardboard, Plastic containers (for storage tank), Tubes or pipes (for gutters and downspouts), Mesh or fabric (for filtration) etc to show water conservation and sustainability.

## **Social Science**

### **Social Science**

- Revise the whole syllabus covered in April & May.

### **Geography:**

- Chapter-1 Resources
- Chapter 2 Land, Soil, Water, Wildlife & Natural Vegetation

### **History**

- Chapter-2 From Trade to Territory

### **Civics**

- Chapter 1- The Indian Constitution
- Chapter 2- Understanding Secularism
- Read the chapter thoroughly, find out 5-5 MCQs from each chapter and write them in a separate Notebook.
- Make a Dictionary/Booklet presenting five difficult terminologies related to the subject Social Science with all A-Z letters.
- Project - Investigate the importance of nitrogen for plant growth and development. Research how plants obtain nitrogen from the soil and atmosphere.
- Working Model
- 3D model on Natural Vegetation and Wildlife (Roll no. 1-20)
- Layers of soil (Roll no. 21 onwards)

### **Map work**

- Indian States and Capital (India's political map)
  - India's Neighbouring Countries and 8 Union Territories (India's political map)
  - 10 most populous countries of the world. (World Politi Map)
- (Practice & paste 3 – 3 maps of each in fair notebook).

## **G.K. :**

1. Learn Chapters that we did in classroom.
  - a. Towns/Cities situated on Rivers
  - b. Bharat : General Information
  - c. National Symbols of India
  - d. Famous Institutes
  - e. Current Affairs
2. Activity/Project
  - Make a project / Wall hanging showing National symbols of India.(Roll No. 1 -18)
  - Make a info graphic chart on Towns/Cities situated on Rivers.(Roll no.18 onwards)
3. Make a info graphic chart on Famous Institutes of India.
4. Find 25 current affairs of month of June and write it in separate notebook.

## **Art & Craft :**

1. Nitrogen's Importance environmental conservation.(Make a poster)

2. Make a painting by using the Art technique of Kalamkari and complete with the beautiful colours.
3. Draw a sketch of any famous Personality.
4. Make this beautiful contemporary art.

<https://www.instagram.com/reel/C7eEkabBa-q/?igsh=Y3VyOWY3eDZ3M2Jv>

Note: # Size for art work (A-3 sheet)

# Use any type of colours

## AI

- \* Learn Ch- 1,2,3
- \* Prepare a chart on topics :-
  - # Paste pictures & explain about voice driven virtual assistant (SIRI, Cortana, Alexa, Google Assistant, Meta) Roll no. 1 -10
  - # Paste pictures & explain about Humanoids (Sofia, Atlas, Ameca etc.) Roll no. 11- 20
  - # Draw and explain purpose of special keys (Ctrl, Enter, Alt, Shift, Delete, Esc, Page up, Page down) Roll no. 21-30
  - # Internet Safety Guidelines Roll no 31 onwards
- \* Prepare a model on :-
  - # Printer Roll no 1-10
  - # Generations of computer Roll no. 11-20
  - # Headphones Roll no. 21-30
  - # Smart phone Roll no 31 onwards
- \* Prepare a PPT on the topic "Nitrogen properties, uses and importance in the ecosystem " and share it on Email Id: [hhw.jwcrtk@gmail.com](mailto:hhw.jwcrtk@gmail.com)