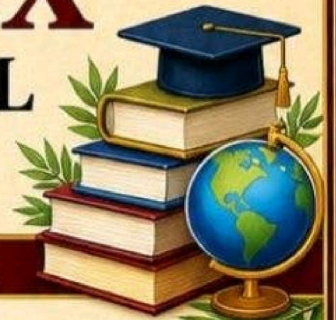


NORTH-EX[®] PUBLIC SCHOOL — DELHI —



Established 1999 | CBSE Curriculum | Holistic Development



SUMMER HOLIDAY HOMEWORK

Session 2026–2027



Student Name : _____



Class : _____



Section : _____



Class Teacher : _____



Explore, Learn & Grow this Summer!



OUR THREE BRANCHES - ROHINI, DELHI

SECTOR-38, ROHINI



Spacious campus with modern infrastructure & senior secondary facilities.

SECTOR-3, ROHINI



Recognised branch with strong academic foundation & disciplined environment.

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OUR FACILITIES



SMART
DIGITAL
CLASSROOMS



WELL EQUIPPED
SCIENCE
LABS



COMPUTER &
IT LABS



LIBRARY &
RESOURCE
CENTRE



SPORTS &
OUTDOOR
ACTIVITIES



CO-CURRICULAR
ACTIVITIES
(ART, MUSIC, DANCE)



SAFE & SECURE
CAMPUS
(CCTV)



Complete your work neatly and submit on time.



NORTH-EX PUBLIC SCHOOL
(Senior Secondary, Affiliated To CBSE)
School Block, Jain Nagar, Sector-38, Rohini, Delhi – 81
CLASS: IX
HOLIDAY HOMEWORK

General Instructions:

- Learn and revise the syllabus of Periodic Test -1.
- Do your project work neatly.
- Holiday homework should be done in the test register or according to the requirement mentioned.

WEEK - 1

ENGLISH

1. You are Naresh / Nandini of Safdarjung, New Delhi. You are deeply saddened by the attacks on elderly persons who live alone. Write a letter to the editor of 'The New India News' making people aware of the authorities to guarantee that such attacks do not occur.
2. "Think back over your past seven days of your summer vacation.

In your best **cursive handwriting**, write a diary entry (approx. 120–150 words) **week wise** describing how you spent your week.

Include the following:

- Where did you go and what were your main activities?
- Describe one thing you saw, heard, or felt that made the week memorable.
- How does these moments change the way you look back on your week?"

Example:

Monday, 18th May, 2026

Time: 9:00 p.m.

Dear Diary,

This week has been a wonderful blur of relaxation and discovery. Most of my days were spent at my grandparents' farmhouse, away from the city's heat. I

spent my mornings helping Granddad in the garden and my afternoons reading under the old mango tree.

The highlight was Tuesday evening when a sudden rainstorm cooled the air. I can still hear the rhythmic tapping of raindrops on the tin roof and smell the fresh, earthy scent of the dry ground soaking up water. It was a moment of pure calm. Looking back, that one peaceful evening made the whole week feel special. It reminded me that I don't need a busy schedule to be truly happy; sometimes, just sitting still is enough.

Shreyas

SOCIAL SCIENCE

1. Imagine your village is facing a water shortage. Which subjects of Social Science (Geography, Economics, Political Science, and History) will help solve this problem? Explain how.
2. Give three examples from your daily life that show India's diversity (food, language, festivals, etc.).

SCIENCE

1. A body travels a distance of 3 km towards East, then 4 km towards North and finally 9 km towards East.
 - (i) What is the total distance travelled?
 - (ii) What is the resultant displacement?
2. A boy walks from his classroom to the bookshop along a straight corridor towards North. He covers a distance of 20 m in 25 seconds to reach the bookshop. After buying a book, he travels the same distance in the same time to reach back in the classroom. Find (a) average speed, and (b) average velocity, of the boy.

MATHEMATICS

1. Simplify by rationalising the denominator $\frac{6-4\sqrt{3}}{6+4\sqrt{3}}$.

2. Show that :-

$$\frac{x^{a(b-c)}}{x^{b(a-c)}} \div \left(\frac{x^b}{x^a}\right)^c = 1$$

IT

1. Create a Presentation to explain the various types of primary storage devices in a computer (8 slides)
2. Collect information about the Digital India initiatives taken by the Government of India and create a report on it.

HINDI

1. अपठित गद्यांश

किसी भी हिंदी समाचार पत्र से एक गद्यांश पढ़कर निम्न प्रश्नों के उत्तर दीजिए:

गद्यांश का मुख्य विचार क्या है?

गद्यांश के आधार पर 5 प्रश्न तैयार कीजिए।

दो कठिन शब्द चुनकर उनके अर्थलिखिए।

गद्यांश का उपयुक्त शीर्षक लिखिए।

गद्यांश का लगभग 80 शब्दों में सार लिखिए।

2. पाठ्यपुस्तक कार्य

पुस्तक: गंगा

(गद्य खंड)

पाठ 1. दो बैलों की कथा

(काव्य खंड)

पाठ 8. रैदास के पद पढ़ें

कठिन शब्द (20) लिखें

प्रत्येक पाठ का सार (100 शब्द) लिख

WEEK – 2

ENGLISH

1. Write the summary of the chapters done in the month of April and May in your test registers.
2. "Think back over your past seven days of your summer vacation.

In your best **cursive handwriting**, write a diary entry (approx. 120–150 words), describing how you spent your week.

SOCIAL SCIENCE

1. If your area lies near a tectonic plate boundary, what precautions should people take to reduce earthquake damage? Explain with reasons.
2. Why do most earthquakes occur near plate boundaries? Explain using the theory of plate tectonics.

SCIENCE

1. A car travels 100 km at a speed of 60 km/h and returns with a speed of 40 km/h. Calculate the averagespeed for the whole journey.
2. A ball hits a wall horizontally at 6.0 m s^{-1} . It rebounds horizontally at 4.4 m s^{-1} . The ball is in contact withthe wall for 0.040 s. What is the acceleration of the ball?

MATHEMATICS

1. If a point (3,4) lies on the graph of linear equation $3y = ax + 7$, find the value of a?
2. How many irrational number lie between $\sqrt{2}$ and $\sqrt{3}$. Find any two irrational number lying between $\sqrt{2}$ and $\sqrt{3}$.

IT

1. Create a poster in Word on the topic: Input and Output Devices.
2. Use pictures to prepare a poster on business activities found in: a) Cities b) Villages

HINDI

व्याकरण

संज्ञा, सर्व वर्नाम

1. संज्ञा और सर्व वर्नाम में अंतर स्पष्ट कीजि जि ए।
2. 10 वाक्य लि लि खि खि ए जि जि नमें संज्ञा और सर्व वर्नाम दोनों का प्रयोग हो।

NORTH EX PUBLIC SCHOOL

WEEK – 3

ENGLISH

1. **SUBJECT ENRICHMENT ACTIVITY (SPEAKING SKILL):** Students are guided to prepare **any one** topic from the following for speaking skill. (Time limit 2 to 3 minutes)

- a) Importance of sports and games
- b) Pleasures of mountaineering
- c) Inside an examination hall
- d) If I become a millionaire
- e) Generation gap

2. "Think back over your past seven days of your summer vacation.

In your best **cursive handwriting**, write a diary entry (approx. 120–150 words), describing how you spent your week.

SOCIAL SCIENCE

1. A farmer notices that his soil is getting washed away during heavy rain. Which agent of erosion is responsible? Suggest two practical solutions.

2. Compare how rivers and wind shape landforms differently. Give one real-life example of each.

SCIENCE

1. Tabulate the differences in the Characteristics of States of Matter.(Minimum10)

2. Comment upon the following:

- Rigidity
- Compressibility
- Fluidity
- Filling of a gas container
- Shape
- Kinetic energy and density
- Sublimation
- Deposition
- Latent heat of fusion and vaporization

MATHEMATICS

1. Find the value of a and b in $\frac{3+\sqrt{2}}{3-\sqrt{2}} = a + b\sqrt{2}$.
2. If $\left(\frac{3}{4}\right)^6 \times \left(\frac{16}{9}\right)^5 = \left(\frac{4}{3}\right)^{x+2}$ find the value of x.

IT

1. Think of a goal you want to achieve, apply the smart strategy to develop a plan for achieving it track your progress. Do a write –up on your experience.
2. Write the difference between verbal and non- verbal communication.

HINDI

अनुच्छेद लेखन

निम्नलिखित विषयों में से किसी एक पर 120–150 शब्दों में अनुच्छेद लिखिए:

1. पर्यावरण संरक्षण
2. डिजिटल इंडिया
3. मेरा प्रिय त्योहार

WEEK – 4

ENGLISH

1. Prepare a speech (for morning assembly) on: "Power of Positive Thinking".
2. "Think back over your past seven days of your summer vacation.

In your best **cursive handwriting**, write a diary entry (approx. 120–150 words), describing how you spent your week.

SOCIAL SCIENCE

1. A fishing community is facing loss due to overfishing. How can sustainable use of marine resources help them? Explain with two points.
2. Why are ocean currents important for climate and navigation? Give one example of their impact.

SCIENCE

1. What is Evaporation? Define their factors? State their 5 uses in our Daily life?
2. Make Flow chart or Table on Pastel Sheet Related to the Chapter 1.

MATHEMATICS

1. The point $(2k - 3, k + 2)$ lies on the graph of the linear equation $2x + 3y + 15 = 0$, find k.
2. 5. Plot the points A(3,0), B(3,3), C(0,3) in a cartesian plane. Join OA, AB, BC and CO. Name the figure so obtained.

IT

1. List the barriers to effective communication. Explain any two.
2. Which is your favorite festival? Write two paragraphs about your favorite festival. Each paragraph should have a minimum 100-120 words.

HINDI

1. पत्र लेखन

अपने मित्र को ग्रीष्मावकाश कैसे बिताया—इस विषय पर पत्र लिखिए।
परियोजना कार्य

2. विषय: "स्वच्छ भारत – स्वस्थ भारत"

NORTH EX PUBLIC SCHOOL

WEEK – 5

ENGLISH

1. Poster Making: Design a poster on **any two**:

- 1."Say No to Drugs"
- 2."Save Earth, Save Future"
- 3."Literacy: The Key to Success"

Tip: Include a catchy slogan and at least two pictures.

2. "Think back over your past seven days of your summer vacation.

In your best **cursive handwriting**, write a diary entry (approx. 120–150 words), describing how you spent your week.

SOCIAL SCIENCE

1. Suppose a cyclone warning is issued in a coastal area. What steps should the government and people take before and after the disaster?
2. A forest area is being cleared for building roads. How can this affect forest dwellers and wildlife? Suggest one solution to balance development and conservation.

SCIENCE

1 - Detailed Note of Invention of Science and their Contribution?

2 - Tabulate the Difference in the Following: (Minimum 10)

- ★Unicellular and Multicellular
- ★Prokaryotic and Eukaryotic
- ★Animal cell and Plant cell
- ★Mitosis and Meiosis
- ★Osmosis and Diffusion
- ★ER and SR

MATHEMATICS

1. Do Activities in Lab manual :

Activity:9 To find a hidden picture by plotting and joining the various points with given coordinates in a plane.

Activity:10 To obtain mirror images of figures with respect to a given axis.

IT

1. Discuss any three strategies of organization skill that you would like to apply in your life. How do you hope to benefit from them?
2. Write about keys of keyboard in register.

HINDI

1. निम्नलिखित बिंदुओं के आधार पर प्रोजेक्ट तैयार कीजिए:

- a) स्वच्छता का महत्व
- b) स्वच्छ भारत अभियान का उद्देश्य
- c) स्वच्छता बनाए रखने के उपाय
- d) आकर्षक चित्र एवं स्लोगन शामिल करें
- e) लगभग 200 शब्दों में विवरण लिखें

2. रचनात्मक कार्य

“मेरा सपना भारत” विषय पर एक पोस्टर बनाएं

ART

- Make a collage composition on A3 size sheet.
- Make a warli painting on A3 size sheet

PROJECT WORK / WORKING MODELS

Roll No.	Science	S. St	English (Art - integrated Project) Theme – Lakshadweep/Nicobar island	IT (Chart/ Flashcards)
1-10	Structure of atom/ Animal cell	Disaster Management – Earthquake	Create an attractive Pamphlet on places to visit & Itinerary	Number keys
11-20	Wind energy/ States of matter	Disaster Management – Japan Tsunami	Create an attractive Pamphlet on Art & Craft and Music	Alphanumeric keys
21-30	Solar energy/ Plant cell	Disaster Management – Cyclones (types/ reasons etc.)	Create an attractive Pamphlet on various tribes, their traditions and cuisine	Function keys
31-40	Human ear/Electroplating	Disaster Management – Landslide	Create an attractive Pamphlet on Festivals & dances	Navigation keys
41 onwards	Simple machines and their mechanical advantage/Electrolysis of water	Disaster Management – Flood	Create an attractive Pamphlet on Literature and Poems	Control keys