

Summer Vacation Assignment 2026

CLASS-IX

Summer VACATION

Summer's warmth descends upon the land,
School's out, and freedom's in hand.
Long days stretch, and sunshine bright,
A time for fun, for play, for delight.

So, let's bask in summer's golden glow,
And make the most of this break's sweet flow.
For summer vacation's a treasured time,
To relax, recharge, and shine!

NAME _____

ROLL NO. _____



Greetings from NISSS!

Summer Vacation brings with itself a much-needed breather from hectic schedule. It is the most awaited time meant for relaxation and enjoyment, and if this time is utilised for creative pursuits, it becomes a learning experience.

Keeping this in view, we have designed a few exciting fun projects/ assignments to enhance learning skills, help understand concepts better, and make for a great crash course aimed at improving your academic output as well. These assignments will not only help you to revise and reinforce what you have learned in school, but will also enrich your knowledge.

This time we embark on a fascinating journey through the rich cultural tapestry and diverse landscape of vibrant state of India- **Telangana and Haryana**. Get ready to explore the tradition, culture, cuisines, attires, dances, folksongs, history and much more. In a nutshell, the Summer Vacation Assignment has been designed to be a meaningful and creative exercise.

As parents, kindly maintain and lend support to your children and ensure that they complete the given work, well-in-time and to their best ability. Your encouragement can actually make a huge difference to the ultimate learning outcome of these projects.

Important Note:

- Homework must be completed neatly and creatively, in accordance with the given specifications and relevant to the question.
- Parental supervision is advised and required while surfing the internet.
- All the Art Integration Projects of Telangana and Haryana, to be compiled in one common beautifully decorated file folder.
- These projects/ assignments will be assessed as Subject Enrichment Activity to be added in your Portfolio.
- Submit the Summer Vacation Assignment to the Class Teacher within a week of reopening of the school.



A Little Note for Parents

- These projects/ assignments will be assessed as Subject Enrichment Activity to be added in your child's Portfolio.
- Submit the Summer Vacation Assignment to the Class Teacher within a week of reopening of the school.
- Make sure your child has a quiet, well-lit place to do homework.
- Don't let your child do homework with the television on or in places with other distractions, such as mobile phones, people coming and going, etc.
- Make sure the material your child needs, such as paper, pencils and a dictionary, are available.
- Ask your child if special material is required for some projects and get them in advance.
- Help your child with time management.
- Establish a set time each day for doing homework. It will help regulating your child's Body Clock as per the set schedule.
- Be positive about homework.
- Tell your child how important school is. The attitude you express about homework will be the attitude your child acquires.
- When your child does homework, you too do your work.
- Show your child that the skills they are learning are related to things you do as an adult. If your child is reading, you read too.
- When your child asks for help, provide guidance, not answers.
- Giving answers means your child will not learn the material. Too much help teaches your child that when the going gets rough, someone will do the work for him or her.
- Help your child figure out what is hard homework and what is easy homework.
- Ask your child to do the hard work first. The harder a task is, the more energy and focus we need to complete it. Starting the harder tasks when you are tired is more difficult and often results in putting them off for another day.
- Reward progress in homework.
- If your child has been successful in homework completion and is working hard, celebrate that success with a special event (e.g., a morning or evening walk, a trip to the park, star gazing) to reinforce the positive effort.



Best wishes for Happy Holidays!

NISSS Team



ENGLISH

Q.1 Your school will be organising a ‘Career Mela’ in which students are to be made familiar with the different career options. Draw and complete the poster for the event given below:

NAME OF THE ORGANISER	_____ announces _____ MELA 
Event purpose (if any)	to spread awareness about various careers
Date	on 25 February from 9 a.m. to 6 p.m.
Time	at _____, _____
Venue	Highlights:
Highlights/Attractions	• Details, information _____ provided for all streams
Slogan	• Counsellors for all _____
Entry tickets	 • Interactive _____ with professionals
Sponsors	CHART YOUR FUTURE AT CAREER MELA
Issuing Authority	_____: FREE
	_____ School

Material Required:

- A4 sheet
- Pencil, Eraser
- Pencil Colours, Sketch pens
- Black Marker
- Ruler

Procedure:

- Draw the poster as shown in reference picture
- Add images or picture

Q.2 ART INTEGRATION PROJECT

1. Topic: Prepare a project on the traditional pottery styles of India. Collect pictures and write information about the pottery styles given below:

- (a) Content should be of 8-10 pages on interleaved white sheets.
- (b) Use black gel pen or coloured sketches for headings, blue gel pen for content and well sharpened pencil for tables, margins, or any diagrams.
- (c) **Page1-** COVER page, A4 sheet, including topics name, subject, submitted to (subject teacher-name) (in left bottom) and submitted by (student's name) in right bottom corner along with class, roll no and session.
- (d) **Page2-** CERTIFICATE page, which state that the given information in project is true.
- (e) **Page 3-** ACKNOWLEDGEMENT, a thanking note from the student for their helping hands in The project.
- (f) **Page 4-** INDEX, covering all the topics with page numbers.
- (g) **Page 5-** onwards required content.



(h) Last page, BIBLIOGRAPHY, which includes brief of all the sources through which the information is being collected.

NOTE- Project should be neat and clean

(Odd Roll Nos)

Topics:

- Khurja Pottery – Uttar Pradesh
- Blue Pottery – Jaipur
- Terracotta Pottery – West Bengal

Material Required:

- A4 sheets
- Pencil and eraser
- Blue/black pen
- Colours / sketch pens
- Printed pictures or drawings
- Glue stick
- Rular for borders

Procedure:

Step 1: Prepare a neat cover page with the title and student details.

Step 2: Paste or draw pictures of the pottery styles neatly.

Step 3: Write information about:

- Place where the pottery is famous
- Special features of the pottery
- Colours or designs used

Step 4: Decorate the project using colours and borders neatly.

(Even Roll Nos)

Topics:

- Andretta Pottery – Himachal Pradesh
- Karigari Pottery – Tamil Nadu
- Longpi Black Pottery – Manipur

Material Required:

- A4 sheets
- Pencil and eraser
- Blue/black pen
- Colours / sketch pens
- Printed pictures or drawings
- Glue stick
- Scale for borders

Procedure:

Step 1: Prepare a neat cover page with the title and student details.

Step 2: Paste or draw pictures of the pottery styles neatly.

Step 3: Write information about:

- Place where the pottery is famous
- Special features of the pottery
- Colours or designs used

Step 4: Decorate the project using colours and borders neatly.

Instructions:

- Use neat handwriting.
- Highlight headings properly.
- Keep the project colourful and creative.



Q.3 Write a paragraph about a place that you have visited which has stayed in your memory.

Remember to mention the following:

- (i) Why did you go there?
- (ii) Who did you travel with?
- (iii) How did you prepare for the travel?
- (iv) Where did you stay?
- (v) What activities did you do there?

Instructions:

- Write neatly in English Grammar Notebook.
- Do not copy from others.
- Use your own ideas.
- Keep your work clean.

Q. 4 Reflective Writing:

Identifying Skills and Passion Reflective writing encourages introspection and thoughtful exploration of personal experiences, skills, and aspirations. It helps individuals gain deeper insights into themselves and their goals through structured reflection.

Follow the steps given below to create a write-up about your skills and passions.

(In English Grammar Notebook)

Step 1: Introduction

Reflect on your passions and the skills you currently possess or are developing. Consider why these activities or interests are meaningful and enjoyable to you.

Step 2: Describing skills

Describe specific activities or practices you engage in to nurture your skills. This could include hobbies, classes (art, music, coding, etc.), workshops, or personal projects.

Step 3: Passion into profession

Identify which of these skills you believe have the potential to turn your passion into a profession. Explain why you think these skills are crucial or advantageous in your chosen field.

Step 4: Examples and reflection

Provide examples or anecdotes that illustrate how your skills and passions complement each other. Reflect on how these experiences have shaped your career aspirations and personal growth.

Step 5: Conclusion

Summarise your reflections. Discuss any insights gained about yourself, your skills, and your career ambitions through this exercise

HINDI

प्रश्न 1. (क) “रहीम/रैदास और ‘दुख का अधिकार’ में मानवता का संदेश”, दोनों के विचारों की तुलना ,समानताएँ ,आज के समाज में महत्व बताइए |(300 शब्दों में)

(ख) किसी एक पर्वतारोही के विषय में सम्पूर्ण जानकारी एकत्रित कर लिखें | (250-300 शब्द)

निर्देश : जन्म तिथि,जन्म स्थान , प्रारम्भिक जीवन व शिक्षा ,पर्वतारोहण की शुरुआत , उपलब्धियां आदि - (कार्यपुस्तिका में करें)

प्रश्न 2. आर्ट इंटीग्रेशन

विषय: तेलगु भाषा तथा हरयाणवी भाषा से संबंधित पाँच कवियों के विषय में जानकारी एकत्र करके लिखिए।

(क) विषय-वस्तु 8-10 पृष्ठों की होनी चाहिए, जो कि इंटरलीफ सफेद शीट पर हो।



(ख) शीर्षकों के लिए काले जेल पेन या रंगीन रेखाचित्र, विषय-वस्तु के लिए नीले जेल पेन और तालिकाओं, मार्जिन या किसी भी आरेख के लिए अच्छी तरह से नुकीली पेंसिल का उपयोग करें।

(ग) पेज 1- कवर पेज, A4 शीट, जिसमें विषय का नाम, विषय, (विषय शिक्षक का नाम) को प्रस्तुत किया गया (बाएं निचले कोने में) और (छात्र का नाम) द्वारा दाएं निचले कोने में कक्षा, रोल नंबर और सत्र के साथ प्रस्तुत किया गया।

(घ) पेज 2, प्रमाण पत्र पेज, जिसमें बताया गया है कि परियोजना में दी गई जानकारी सत्य है।

(ङ) पेज 3, आभार, परियोजना में मदद करने के लिए छात्र की ओर से धन्यवाद नोट।

(च) पेज 4, अनुक्रमणिका, पृष्ठ संख्याओं के साथ सभी विषयों को कवर करना।

(छ) पेज 5, आगे आवश्यक सामग्री।

(ज) अंतिम पृष्ठ, ग्रंथसूची, जिसमें उन सभी स्रोतों का संक्षिप्त विवरण शामिल है जिनके माध्यम से जानकारी एकत्र की जा रही है।

नोट- परियोजना साफ-सुथरी होनी चाहिए

निर्देश: - मुख्य बिंदु:” साहित्यकारों का जन्म ,जीवन के विषय में जानकारी ,चित्र , महत्वपूर्ण रचनाएं आदि।
- फाइल में बनाएं। (5-6 पृष्ठ)

प्रश्न 3.(क) प्रेमचंद का जीवन परिचय,जन्म और बचपन, शिक्षा , साहित्यिक जीवन , हिंदी साहित्य में योगदान ,प्रेमचंद की प्रसिद्ध कहानियाँ उल्लेख कीजिए ।

(कार्यपुस्तिका में करें)

(ख) रानी लक्ष्मीबाई का जीवन परिचय ,बचपन का नाम मणिकर्णिका , विवाह , झाँसी की रानी बनना, वीरता और नेतृत्व ,1857 की क्रांति में रानी लक्ष्मीबाई की भूमिका , स्वतंत्रता संग्राम में योगदान ,रानी लक्ष्मीबाई के गुण, महिला सशक्तिकरण की प्रतीक रानी लक्ष्मीबाई का उल्लेख कीजिए ।

(कार्यपुस्तिका में करें)

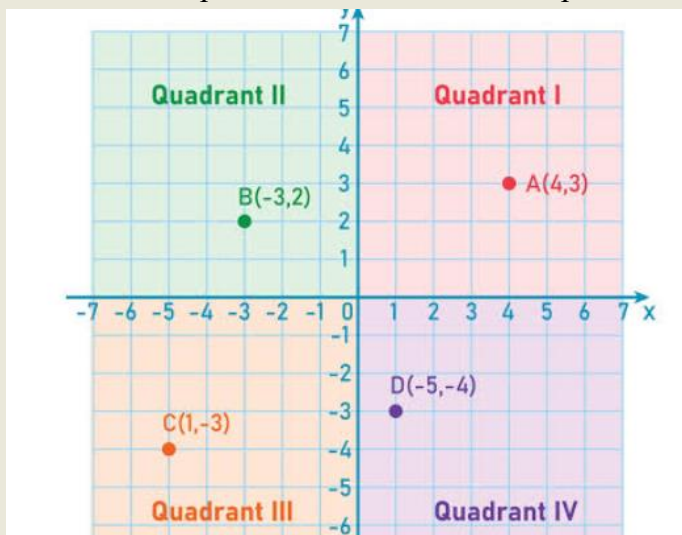
प्रश्न 4. निम्नलिखित प्रश्नों को अपनी हिंदी कार्यपुस्तिका में करें:

- अनुच्छेद लेखन स्वरोजगार: आत्मनिर्भरता की सीढ़ी
- छात्रावास में अस्वस्थ अपने निराश मित्र को पत्र लिखकर आने वाली परीक्षा की पढ़ाई के लिए मनोबल बढ़ाएं ।
- संवाद: दो व्यक्तियों के बीच गाव में नए शोचालय से आए परिवर्तन पर संवाद ।
- चित्र में दिखाए गए दृश्य या घटना को कल्पनाशक्ति के आधार पर लगभग 100 शब्दों में लिखिए ।

MATHEMATICS

Q.1 Model of Cartesian Plane (Even Roll Nos)

Topic.1 A Cartesian Plane model helps students understand how points are plotted using coordinates (x, y) .



Material Required:

1. Card board
2. Chart Paper
3. Ruler
4. Pencil and Eraser
5. Coloured Pens/Markers
6. Rular

Objective:

This model helps students visualize how coordinates work, understand quadrants, and learn plotting of points in a fun and practical way.

Procedure:

Step 1: Draw x-axis and y-axis

- Draw two perpendicular lines intersecting at the centre.
- Label the horizontal line as x-axis and vertical line as y-axis. Paste on cardboard.

Step 2: Mark Origin

- Label the intersection point as O $(0,0)$.

Step 3: Create Scale

- Mark equal units on both axes (e.g., 1 cm = 1 unit).

Step 4: Label Quadrants

- Divide the plane into 4 quadrants:
 - First Quadrant $(+,+)$
 - Second Quadrant $(-,+)$
 - Third Quadrant $(-,-)$
 - Fourth Quadrant $(+,-)$

Step 5: Plot Points

- Plot points like $(2,3)$, $(-3,2)$, $(-2,-2)$, $(3,-1)$.
- Use different colours for each quadrant.

Step 6: Final Touches

- Highlight x -axis, y -axis and quadrants.
- Label all points clearly.

Example: Room Coordinates

Draw your room on graph paper and assign coordinates to objects:

- Bed \rightarrow (2, 3)
- Table \rightarrow (4, 1)
- Door \rightarrow (0, 2)
- Window \rightarrow (3, 4)

You can also add:

Origin (0,0) = one corner of the room.

Topic. 2 My Dream City (Surface Area and Volume Model) (Odd Roll Nos)

A city is made up of different structures like buildings, parks, roads, water tanks, bridges, towers, and playgrounds. In this activity, students will create a 3D model of their “Dream City” using geometrical solids and apply the concepts of Surface Area and Volume creatively.



Objective:

This project will help students:

- Understand practical applications of Surface Area and Volume
- Identify geometrical solids in daily life
- Develop creativity, planning, and presentation skills
- Relate Mathematics with architecture and city planning

Material Required:

- Cardboard Base
- Coloured Chart Papers
- Glue and Scissors
- Sketch Pens and Markers
- Ruler and Pencil
- Clay / Waste Material
- Colored Boxes, Bottles, and Paper Cups
- Decorative Items

Project Instructions

Prepare a 3D Model of “My Dream City”

Use different geometrical solids to create these structures.



Suggested Shapes to Use:

Structure	Shape Used
Buildings	Cuboid
Water Tank	Cylinder
Park Fountain	Cone
Ball Decorations	Sphere
Gift Shops	Cube
Dome Structures	Hemisphere

Steps to Create the Model

Step 1: Prepare the Base

- Take a large cardboard sheet.
- Cover it neatly with coloured paper.
- Draw roads and divisions of the city.

Step 2: Construct the Structures

- Make buildings using cuboids.
- Create water tanks using cylinders.
- Use cones for rooftops or monuments.
- Make parks and playgrounds creatively.
- Label every structure properly.

Step 3: Write Mathematical Details

Choose any FOUR solids used in the city and write:

- Name of the solid
- Dimensions used
- Formula of Surface Area and Volume

Example: For Cuboid:

$$\text{Volume} = l \times b \times h,$$

$$\text{Total Surface Area} = 2(lb + bh + lh)$$

For Cylinder: Volume = $\pi r^2 h$

Step 4: Decoration

- Use greenery and trees
- Use bright colours and labels
- Create 3D effects using layers

Learning Outcomes

Students will:

- Understand geometrical solids practically
- Apply Surface Area and Volume formulae
- Develop creativity and analytical skills
- Connect Mathematics with real-life structures and planning

Q.2 ART INTEGRATION PROJECT

Population of Telangana and Haryana.

Objective:

- To help students understand population distribution in Telangana.
- To apply Mathematical concepts like percentages, graphs, and data handling.
- To present population data creatively using art integration.



Material Required:

1. Graph Paper or Chart Paper
2. Coloured Markers or Pencils
3. Glue/Tape
4. Scissors
5. Printed Data on Telangana and Haryana Population
6. Ruler
7. Compass
8. Pictures/Images of Telangana and Haryana districts
9. Project File
- 10.

Project Format

Page 1: Cover Page

Write:

- Title: “Population Density of Telangana and Haryana”
- Name
- Class & Section
- Roll Number
- Subject: Art Integrated Project

Decorate the cover page with:

- Map outlines of Telangana and Haryana
- Population symbols like people icons, houses, buildings, etc

Procedure:

Step 1: Research on Population of Telangana

1. Collect data from census or online sources.
2. Gather information on:
 - o Total population of Telangana
 - o Male and Female population
 - o Urban vs Rural population
 - o District-wise population

Step 2: Mathematical Representation

1. **Calculate Percentages:**
 - Find percentage of male and female population
 - Find percentage of urban and rural population
2. **Bar Graph:**
 - Draw a bar graph comparing:
 - o Male vs Female population
 - o Urban vs Rural population
3. **Pie Chart:**
 - Show distribution of population categories
 - Example: Male, Female, Urban, Rural

Step 3: Use of Colours

- Use different colours for each category:
 - o Male Population: Blue
 - o Female Population: Pink
 - o Urban Population: Green
 - o Rural Population: Yellow



Step 4: Creating the Poster

1. **Title:**
 - Write at the top:
“Population of Telangana”
2. **Arrangement:**
 - Left side → Bar Graph
 - Right side → Pie Chart
 - Bottom → Key observations
3. **Labelling:**
 - Label all graphs clearly
 - Mention units and percentages

Step 5: Conclusion

- Write 4 – 5 lines about what you learned
- Example:
 - Population varies across regions
 - Urban areas have different growth than rural areas

Q.3 SUBJECT ENRICHMENT ACTIVITY

Polynomial Story Problem

Create any 5 real-life word problems based on polynomials and solve them step-by-step in your maths notebook.

Examples of situations you may use:

- Area of a garden
- Perimeter of a playground
- Shopping cost expressions
- Speed and distance problems
- Age-related expressions
- Simplify or solve it properly
- Show complete working
- Draw related diagrams wherever possible

Use colours, headings, and proper mathematical presentation.

Q.4 Write all the formulas and theorems of all the chapters (done in the class) in Math notebook.



SCIENCE

Q.1 PROJECT

1. To make a working model showing the structure and function of the nucleus. (Even Roll Nos)

Material Required:

- Cardboard or foam board
- Small DC motor
- 9V battery
- Switch
- Wires
- Clay/play dough
- Plastic ball or cardboard sphere
- Glue/Fevicol
- Coloured paper
- Skewer stick/straw
- Labels and marker

Procedure:

Step 1

Cut a circular cardboard base.
Cover it with coloured paper.

Step 2

Fix the DC motor at the centre of the base

Step 3

Take a thermocol ball or make a sphere using cardboard.
Cut it into two halves.
These represent the nucleus.

Step 4

Hollow the inside slightly.

Step 5

Make nucleus parts using clay:

- Nucleolus
- Chromatin threads
- Chromosomes
- Nuclear membrane

Step 6

Paste these parts inside the nucleus.

Step 7

Attach a stick/skewer to the top half.
Connect it to the motor shaft.

Step 8

Connect:

- Motor
- Switch
- Battery

by using wires.

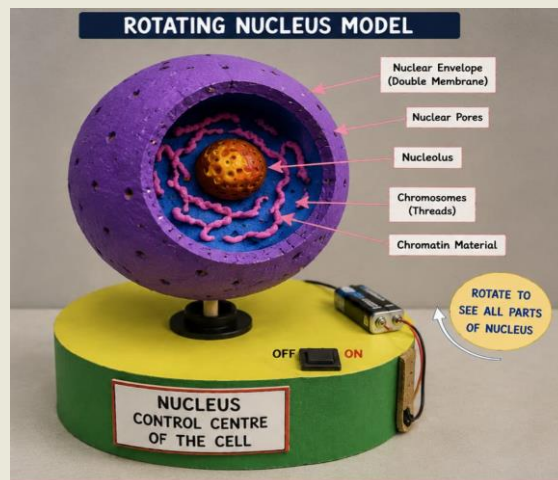
Step 9

Switch ON the circuit.

The nucleus rotates slowly, showing all internal parts.

Step 10

Label all parts.



Topic.2 Sound Wave Tunnel Model (Longitudinal Wave Model) (Odd Roll Nos)

Material Required:

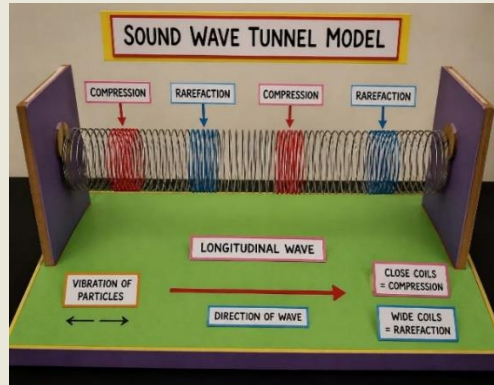
- Slinky spring
- Cardboard base
- Two sticks or supports
- Glue/tape
- Colored paper
- Marker

Procedure:

1. Take a cardboard sheet as the base.
2. Fix two supports at opposite ends.
3. Attach the slinky spring between the supports.
4. Stretch the slinky slightly.
5. Mark some coils with colored paper:
 - Close coils → **Compression**
 - Spread coils → **Rarefaction**
7. Add labels:



- Sound Waves
 - Compression
 - Rarefaction
 - Direction of Motion
8. Move one end of the slinky forward and backward gently. The compressions and rarefactions will travel through the spring like sound wave.



Q2. ART INTEGRATION PROJECT

Topic- Compare agriculture practices on basis of weather conditions in Telangana and Haryana

a) Content should be of 8-10 pages on interleaf white sheets.

(b) Use black gel pen or coloured sketches for headings, blue gel pen for content and well sharpened pencil for tables, margins, or any diagrams.

(c) **Page 1**- COVER page, A4 sheet, including topics name, subject, submitted to (subject teacher name) (in left bottom) and submitted by (student's name) in right bottom corner along with class, roll no and session.

(d) **Page 2**, CERTIFICATE page, which state that the given information in project is true.

(e) **Page 3**, ACKNOWLEDGEMENT, a thanking note from the student for their helping hands in the project.

(f) **Page 4**, INDEX, covering all the topics with page numbers.

(g) **Page 5**, onwards required content.

(h) Last page, BIBLIOGRAPHY, which includes brief of all the sources through which the information is being collected.

NOTE- Project should be neat and clean

Material Required:

- 1 A4 sheets/chart paper
2. Pencil and eraser
3. Colours/sketch pens
4. Glue and scissors
5. Pictures of crops and farming practices
6. Ruler

Procedure:

1. Take an A4 sheet or chart paper.
2. Write the title "Comparison of Agriculture Practices in Telangana and Haryana".
3. Draw a neat table for comparison.



4. Paste or draw pictures of crops and farming activities.
5. Write points about weather, crops, irrigation, and soil.
6. Decorate the sheet with colours and borders.

Q3. SUBJECT ENRICHMENT ACTIVITY

Topic-Give examples showing applicability of the Newton's law of motion in everyday life situation.

- Objectives:**
1. To understand Newton's three law of motion
 2. To identify how these laws are applied in daily life situation.

Material Required:

- Chart paper or A4 sheet
- Pencil and eraser
- Colours/sketch pens
- Ruler
- Pictures/drawings related to Newton's laws
- Glue and scissors

Procedure:

1. Take a chart paper or A4 sheet.
2. Write the title "Newton's Laws of Motion in Everyday Life."
3. Divide the sheet into three sections for the three laws.
4. Write 2–3 examples for each law with simple drawings or pictures.
5. Decorate neatly using colours and borders.

Q4. Draw the following diagrams

- i) Mitosis and meiosis division diagram
- ii) Distillation
- iii) Cell organelles (Endoplasmic Reticulum, Golgi Apparatus, Mitochondria, Chloroplast)



SOCIAL SCIENCE

Q.1 INTERDISCIPLINARY PROJECT

1. Topic: Project Topic: Timeline Project (Even Roll Nos)

Topic: “Evolution of Democracy Through History”

Timeline Points:

- Ancient Greece (Athens)
- Roman Republic
- Magna Carta (1215)
- French Revolution
- American Revolution
- Universal Adult Franchise
- Modern Democracies

Creative Idea:

Make a long chart or wall poster with dates and images.

Materials Required

For a Chart / Poster Project

- Chart paper or A3 sheets
- Colored pens/sketch pens
- Pencil and ruler
- Glue and scissors
- Printed pictures (optional)
- Sticky notes or labels
- Decorative items (stickers, borders)

2. Procedure (Step-by-Step)

Step 1: Make a Cover Page

Write:

- Project Title:
“Evolution of Democracy Through History”
- Your Name
- Class/Section
- Subject
- School Name

Add symbols like:

- Ballot box
- Parliament
- Greek pillars
- Voting hand symbol

2. Topic: Market Affects Demand and supply (Odd Roll Nos.)

Mini Market Model



Concept

Create a small market scene with:

- Shopkeeper (supplier)
- Customers (demand)
- Price tags

How It Works

- Show how customers buy less at high prices
- Show shopkeeper supplying more at high prices

Material Required:

- Cardboard
 - Colored paper/chart paper
 - Small toy items or empty packets (biscuits, fruits, vegetables, etc.)
 - Sketch pens/markers
 - Glue and scissors
 - Ice cream sticks or toothpicks
 - Small paper labels for price tags
 - Clay or paper cut-outs for people
 - Scale and tape
- Optional:
- Mini baskets or boxes
 - Printed shop banner

Procedure:

Step 1: Prepare the Base

- Take a cardboard sheet as the market base.
- Cover it with colored paper if desired.

Step 2: Make the Shop

- Create a small stall/shop using cardboard.
- Add a banner like “**Mini Market**” or “**Economics Market Model.**”

Step 3: Add Products

- Place small items such as toy fruits, vegetables, snacks, or paper-made goods in the shop.

Step 4: Create Price Tags

Prepare two types of price tags:

- **High Price Example:** Apples ₹100/kg
- **Low Price Example:** Apples ₹40/kg

Attach them near the products.

Step 5: Show Customer Demand

- When prices are **high**, place only 1–2 customers near the shop.
- When prices are **low**, place many customers near the shop.

This shows:

- High Price → Low Demand
- Low Price → High Demand

Step 6: Show Shopkeeper Supply

- At high prices, display more stock/items in the shop.
- At low prices, display fewer items.

This shows:

- High Price → High Supply
- Low Price → Low Supply

Step 7: Add Labels



Use arrows and labels such as:

- “Demand decreases when price increases”
- “Supply increases when price increases”

Working Explanation

1. Customers check the prices.
2. If prices are high, fewer customers buy products.
3. If prices are low, more customers buy products.
4. The shopkeeper supplies more goods when prices are high to earn more profit.

Q.2 ART INTEGRATION PROJECT

1. Topic: Stone Age sites and tools of Telangana and Haryana

Objective: To learn about the Stone Age sites and tools of Telangana and Haryana and to understand how early humans lived during the Stone Age period.

Material Required:

- Chart paper or A4 sheets
- Pencil and eraser
- Colours/sketch pens
- Glue and scissors
- Pictures of Stone Age tools
- Printouts or handmade drawings

Procedure:

1. Show stone age sites on Telangana and Haryana Map
2. Collect information and pictures of Stone Age tools.
3. Draw or paste pictures of the tools on chart paper.
4. Write the names and uses of each tool.
5. Decorate the project neatly with headings and colours.
6. Add a conclusion at the end.

Stone Age sites in Telangana

Important Stone Age sites in Telangana include:

- Adilabad Rock Shelters
- Nagarjunakonda
- Peddapalli

Stone Age sites in Haryana

- Bhirrana
- Mangar Bani
- Rakhigarhi

Q.3 SUBJECT ENRICHMENT ACTIVITY

Title: Understanding Demand and Supply in Daily Life

Objective:

- To understand the meaning of demand and supply.
- To observe how prices change according to demand and supply.
- To relate the concept with real-life examples.

Introduction

In economics, demand means the quantity of a product that consumers are willing to buy at a certain price. Supply means the quantity of a product that sellers are willing to sell at a certain price.

Generally:

- When demand increases and supply is low, prices rise.
- When supply increases and demand is low, prices fall.

Activity



Material Required:

- Notebook
- Pen/Pencil
- Newspaper or internet price list
- Local market observations

Procedure:

Part A: Market Survey

Visit a nearby market or ask family members about the prices of the following items for one week:

Product	Price on Day 1	Price on Day 7	Increase/Decrease
Tomatoes			
Onions			
Milk			
Mangoes			

Part B: Observation Questions

Answer the following questions:

1. Which product showed the highest price increase?
2. Why do you think the price changed?
3. Was the supply less or demand more?
4. Which product became cheaper and why?
5. How do seasonal products affect supply?

Real-Life Examples

Example 1: Ice Cream in Summer

During summer, more people want ice cream. Demand increases, so prices may rise if supply is limited.

Example 2: Vegetables During Heavy Rain

Heavy rain can damage crops. Supply decreases, causing prices of vegetables to increase.

- Draw Demand and Supply Diagram

Q.4 Map Work

A. On the outline map of India locate and label the following with suitable symbols:

On the outline map of India name the date of withdrawal of monsoon, and also draw a line on map.

ADVANCING MONSOON

- 1 July
- 15 July
- 3.15 June
- 10 June
- 5 June
- 1 June
- 25 may

RETREATING MONSOON

- September
- 15 September
- 1 October

- 15 October
- 1 November
- 15 November
- 1 December
- 15 December

B. On the map of India. Locate and label the following Neolithic sites

- Chirand
- Hallar
- Mahagara
- Burzahom
- 5.Langhnaj
- Tilwara