

CYNTHIA SENIOR SECONDARY SCHOOL

HALDWANI, UTTARAKHAND

SUMMER VACATION ENRICHMENT ASSIGNMENT

Class: IX (A, B & C)

Session: 2026–27

Subjects Included: English, Economics, Chemistry

GENERAL INSTRUCTIONS

- **Neat & Systematic Execution:** Prepare all your work neatly, systematically, and with structural clarity.
- **Filing Requirements:** Use standard A4 size sheets or a transparent project folder/file wherever specifically required.
- **Formatting:** Maintain appropriate headings, left-right margins, and sequential page numbering across all sheets.
- **Originality:** Write all answers, observations, and summaries in your own words. Plagiarism will not be accepted.
- **Creativity & Visuals:** Integrate neatly labelled colored diagrams, relevant photographs, sketches, and creative layouts wherever applicable.
- **Tidiness:** Avoid overwriting, cutting, and untidy presentation. Ensure high legibility.
- **Viva-Voce Readiness:** Students must be fully prepared to explain their project work and findings during submission or a subsequent viva session.
- **Discipline:** Complete the tasks sincerely, maintaining absolute discipline and originality in assignment representation.

⚠ IMPORTANT SUBMISSION DEADLINE: All completed assignments across all three subjects must be submitted together on the very first operational day of the school when it reopens after the Summer Vacation.

Activity Title: “Podcast with Grandparents”

Context: Students are required to conduct and record a meaningful, structured podcast interview interaction with their grandparents. This project aims to bridge the generational gap while building core linguistic competencies.

CORE DISCUSSION PILLARS

- **Life Experiences:** Fascinating timelines or key milestones from their lifespan.
- **Childhood Memories:** How their childhood, schooling, and environment differed from modern times.
- **Struggles & Resilience:** Significant obstacles faced in their personal or professional journey and how they overcame them.
- **Achievements:** Moments, events, or accomplishments they feel most proud of.
- **Core Values:** Essential moral frameworks, cultural roots, and principles they have lived by.
- **Life Lessons:** Crucial advice, wisdom, or guiding thoughts they wish to impart to the younger generation.

STEP-BY-STEP EXECUTION INSTRUCTIONS

1. **Questionnaire Design:** Prepare an advance list of at least **8 to 10 thoughtful, engaging, and motivating questions** reflecting the core pillars.
2. **Audio/Video Recording:** Record a high-quality audio or video podcast clip of approximately **3 to 5 minutes** duration.
3. **Elocution Standards:** Maintain confidence, dynamic vocal tone, utmost politeness, and pristine pronunciation clarity while speaking.
4. **Visual Documentation:** Paste happy, real-time photographs taken together with your grandparents directly inside your assignment file.
5. **Transcript Generation:** Write a brief, structured transcript or an executive summary of the verbal exchange in your own words.
6. **Personal Reflection:** Add a dedicated short reflection paragraph concluding what valuable insights and emotional shifts you realized from this deep familial interaction.

Expected Learning Outcomes:

- Enhancement of communication protocols, interview skills, and vocal confidence.
- Advanced improvement in targeted listening, active response patterns, and spoken English syntax.

- Cultivation of empathy, deep emotional bonding, and socio-cultural alignment with family elders.
- Refinement of creative interpretation and descriptive composition style through writing transcripts.

SUBJECT: ECONOMICS

Guidelines: Students must carefully execute exactly ONE activity out of the two choices given below (Option 1 OR Option 2). The Poster Making Activity after this section is mandatory for all students.

OPTION 1: Field Inquiry – Understanding Scarcity Around Us

Objective: To practically analyze how economic scarcity impacts market availability, product demand, and varying price tags of household essential goods.

Execution Steps:

- Visit a nearby local market, mandi, or regular departmental/grocery store safely under parental guidance.
- Closely observe, catalog, and list out daily goods that appear to be limited or constrained in overall supply.
- Identify high-priced premium or highly variable seasonal commodities in that market segment.
- Conduct a small interactive interview with a local shopkeeper regarding current price rises, recent supply chain disruptions, and temporary shortages.
- Compile a comprehensive formal field report (1–2 standard pages) structured with observations, interviews, and your core economic learning.

——— OR ———

OPTION 2: Household Budget Survey & Financial Analysis

Objective: To track, study, and logically document household income streams, expenditure trends, and fundamental saving behaviors inside a modern family unit.

Execution Steps:

- Sit down with a family elder to discuss and document the average monthly household monetary expenses.
- Synthesize and structure a clean analytical data table categorized across multiple domains:

EXPENSE CATEGORY	DESCRIPTION / EXAMPLES	NATURE OF COST
Food	Groceries, fresh vegetables, milk, dairy, cooking oil	Essential / Fixed Cost
Electricity	Power consumption bills, regular electric maintenance	Essential / Variable Cost
Education	School fees, textbooks, stationery items, online modules	Essential / Priority Cost
Transport	Fuel expenses, public transport passes, vehicle servicing	Essential / Operational Cost
Savings	Bank deposits, PPF accounts, emergency reserve funds	Future Allocation / Reserve

- Explicitly distinguish between **Essential (Needs)** and **Non-Essential (Wants/Luxuries)** expenditures from your findings.
- Compose a summary reflection detailing constructive strategies via which unnecessary household expenditure can be streamlined or safely minimized to bolster savings.

COMPULSORY ACTIVITY FOR ALL STUDENTS

Poster Design Topic: “Save Resources, Save Future”

- Design and illustrate a vivid visual poster exclusively on an **A4 size drawing sheet**.
- Incorporate high-impact creative slogans, comparative graphs, charts, and custom drawings to give it an elite, thought-provoking layout on resource conservation.

SUBJECT: CHEMISTRY

Guidelines: Students are directed to log, record, and complete the upcoming core laboratory assignment meticulously within their formal Chemistry Practical Manual.

PART A: LAB MANUAL EXPERIMENTS

1. Procure the mandated **Chemistry Practical Manual published by MSG Publication**.
2. Perform or review and write down **Experiment 1 through Experiment 4** with strict adherence to standard protocols.
3. Ensure each experiment entry is thoroughly documented with the following mandatory sub-sections:
 - **Aim:** Crisp definition of what the experiment seeks to establish.
 - **Materials Required:** List of chemical reagents, apparatus, and containers.
 - **Procedure:** Step-by-step chronological methodology.
 - **Observation:** Color changes, gas evolutions, temperature shifts, or precipitations noticed.
 - **Conclusion:** Logical deduction drawn in accordance with molecular theories.
4. Draw neat, scientific, and precision-labelled line diagrams using a sharp pencil on the blank left-hand side pages of the manual wherever appropriate.
5. Highlight specific **Laboratory Safety Precautions** separately at the end of each experiment.

PART B: OBSERVATION-BASED PRACTICAL ACTIVITY

Observe your immediate surroundings at home and inside your locality to identify and log exactly **five everyday life examples of Chemical Changes or Reactions**. You can choose from standard processes such as:

Rusting of Iron **Curd Formation** **Burning of Candle** **Cooking of Food** **Lemon Juice Acid Reaction**

For EACH of your 5 selected observations, formulate a descriptive block answering:

S.NO.	HEADING PARAMETER	STUDENT DUTY / INPUT DETAILS
1	Name of the Activity	Identify the natural or domestic phenomenon clearly.
2	Type of Change	Categorize and prove why it is a Physical or Chemical change.
3	Detailed Observation	Record sensory data: evolution of heat, change in state, odor, or color.
4	Scientific Reason	Explain the underlying chemistry concept, molecular shifts, or equations involved.

PART C: VIVA-VOCE ASSESSMENT PREP

- Formulate and write down **five conceptual, short-answer Viva-Voce questions** directly pertaining to the practical principles of your completed experiments (Experiments 1–4).
- Practice explaining the answers clearly to refine oral articulation.

✨ QUALITY BENCHMARKS & ASSESSMENT PARAMETERS ✨

*All summer projects must be the reflection of an individual student's **Creativity**, authentic **Originality**, sound **Scientific Thinking**, and **Impeccable Aesthetic Presentation**. Complete this assignment with profound structural sincerity.*

Wish you all a productive, safe, and intellectually enriching Summer Vacation!

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