

Dear Students

Summer holidays provide an excellent and well-deserved opportunity to relax and rejuvenate while keeping ourselves intellectually stimulated with some fun-filled and thought-provoking activities. The best way to truly refresh oneself and also enhance one's emotional, happiness, spiritual and intellectual quotients, is by engaging in the following activities: -

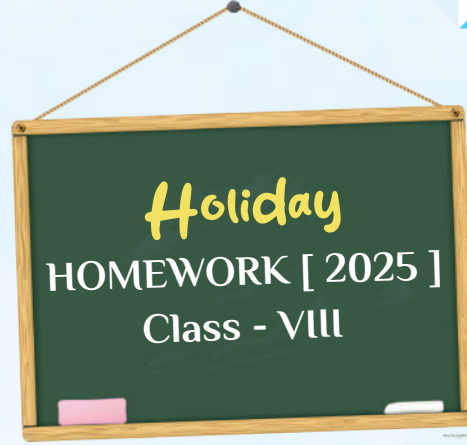
1. Spend quality time with your family eg. playing games, visiting places and doing activities together like painting, dancing, singing, cooking etc.
2. Participate in the household chores.
3. Spend time with nature, observe and appreciate the beauty of nature around you. Nature walks, reading under a shady tree, gardening, keeping your surroundings clean and proper waste disposal are just a few ways.
4. Exercise regularly and play outdoor games.
5. Meditate and do Yoga regularly.
6. Learn any one new skill
7. Eat well and stay healthy. Enjoy the seasonal and local foods of places you visit. In addition, maintain the momentum and rigour that has been built in the learning through the last few weeks. Plan out, revise the syllabus already done and complete the holiday homework as creatively as possible.

Your holiday homework is designed for you to experience the joy of learning while helping you enhance the 21st century life skills as responsible world citizens. It is recommended that you do the homework on your own using assistance only when required. Make use of the materials and resources already available at home.

General Instructions

1. Do all your homework as per the instructions
2. Parents are requested to only guide their children while doing the homework.
3. Originality of the work will be appreciated.
4. Homework will be assessed on the basis of neatness, creativity and originality of ideas
5. If children have created PowerPoint presentations in any subject, they will present their ideas in the classroom.
6. Children have to do the written part of the homework on the A4 sheets (ruled or plain) and follow the instructions given in the questions.
7. Make one folder and keep all the A4 sheets in it.





SUBJECT-ENGLISH

1. Mini Business Plan (Entrepreneurial Thinking)

Task: Create a simple business plan on A4 sheet for a product or service you think would help people. Include the points mention below and present your ideas in classroom

- Product/Service Name
- Problem it solves
- Target audience
- How you'll promote it
- Basic cost and price estimate

2. Logo and Tagline Design

Task: Design a logo and tagline for your mini business idea.

Optional tools: Canva, paper drawing, or any design app.

3.Startup Stories Scrapbook

Task: Collect stories or newspaper clippings of 5 young entrepreneurs (under 25). Summarize about them on A4 sheet and tell what made their idea successful.

विषय -हिंदी

प्रश्न 1. नवाचार (Innovation) का क्या अर्थ है? अपने शब्दों में उदाहरण सहित समझाइए।

प्रश्न 2. आपके अनुसार एक सफल उद्यमी (Entrepreneur) में कौन-कौन से गुण होने चाहिए? पाँच गुणों की सूची बनाइए और उनका संक्षिप्त विवरण दीजिए।

प्रश्न 3. भारत के किसी एक प्रसिद्ध युवा उद्यमी का परिचय दीजिए और उनके नवाचार को संक्षेप में वर्णित कीजिए।

प्रश्न 4. यदि आपको एक नया व्यवसाय शुरू करने का अवसर मिले, तो आप क्या बनाएँगे या बेचेंगे? अपने विचार को 100 शब्दों में समझाइए।

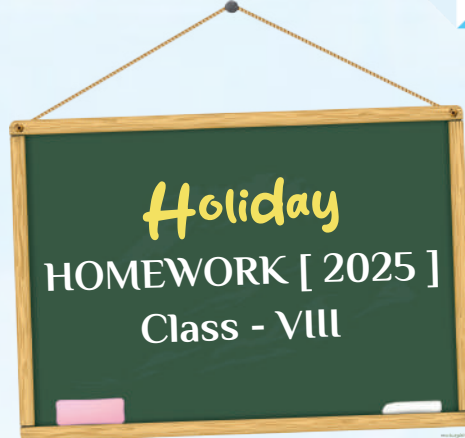
प्रश्न 5. नवाचार समाज को कैसे लाभ पहुँचाता है?" इस विषय पर 150 शब्दों का एक अनुच्छेद लिखिए।

प्रश्न 6. हर बच्चा एक संभावित उद्यमी हो सकता है।" — इस कथन पर अपने विचार 100-150 शब्दों में लिखिए।

चित्र वर्णन

दिए गए चित्र को ध्यान पूर्वक देखिए। उसके आधार पर 120-150 शब्दों में चित्र का वर्णन कीजिए।





SUBJECT: MATHEMATICS

Section A: Calculating Profit, Loss & Pricing Strategy

1. A company sells a product for ₹100 and earns a 20% profit. Calculate the cost price.
2. A startup sells a product at ₹50 but faces a 10% loss. Determine the original cost price.
3. A product costs ₹80 and has a 15% discount during a sale. What is the final selling price?
4. A product has a markup of 25% on a cost price of ₹60. What is its selling price?

Section B: Market Research and Analysis

5. A survey of 500 people shows 60% prefer a new app. How many respondents prefer the app?
6. Out of ₹1,00,000 total sales, 30% came from online platforms. Calculate the value of online sales.
7. A startup wants a 20% market share in a market of 15,000 units. How many units must it sell?

Section C: Financial Planning and Budgeting

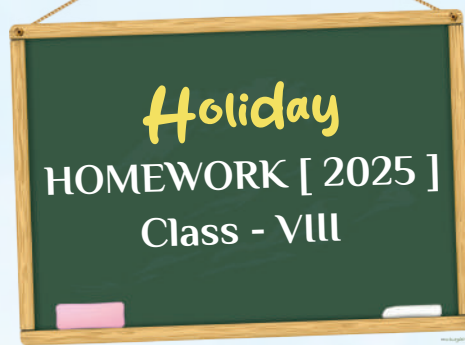
8. A startup sets aside 35% of its ₹12,000 budget for advertising. How much is allocated?
9. If revenue is ₹50,000 and expenses total ₹32,000, what is the net profit?
10. A company has a burn rate of ₹5,000 per month and a fund of ₹60,000. How many months can it operate?

Section D: Investments and Growth

11. A company invests ₹10,000 in a project and earns a 12% return. What is the return amount?
12. A business reports a 15% revenue growth. If current revenue is ₹1,00,000, what will it be next year?
13. An investor earns 10% return on a ₹5,000 investment. Calculate the return on investment (ROI).
14. If a startup generates a 20% profit margin on ₹75,000 in revenue, find the profit.

Section E: Integrated Thinking – Business Decisions

15. A company borrows ₹10,000 at an annual interest rate of 5%. What is the interest paid in a year?
16. A startup sells a product for ₹200 with a 25% profit margin. What is the cost price?
17. A product has a 15% markup and costs ₹80. Determine the selling price.



Case Study

Launching a New Product a startup wants to launch a new product and needs to calculate its pricing, profit, and market share. The product has a cost price of ₹50 and a selling price of ₹75.



(i) What is the profit per unit?

- (a) ₹20 (b) ₹25 (c) ₹30 (d) ₹35

(ii) If the startup sells 1000 units, what is the total profit?

- (a) ₹10000 (b) ₹15000 (c) ₹25000 (d) ₹30000

(iii) If the market size is 10,000 units and the startup sells 1000 units, what is its market share?

- (a) 8% (b) 9% (c) 10% (d) 11%

(iv) If the startup wants to increase its market share to 20%, how many more units does it need to sell?

- (a) 1000 units (b) 1200 units (c) 1400 units (d) 1600 units

SUBJECT-SCIENCE

“Mini Shark Tank”-Innovations

Note: The given topics are divided as per the roll numbers.

*These activities are **simple, low-cost, and highly educational**, and can be done using things easily found at home.

1. Make and Pitch to Sell Natural Room Fresheners (Roll No. 1-5)

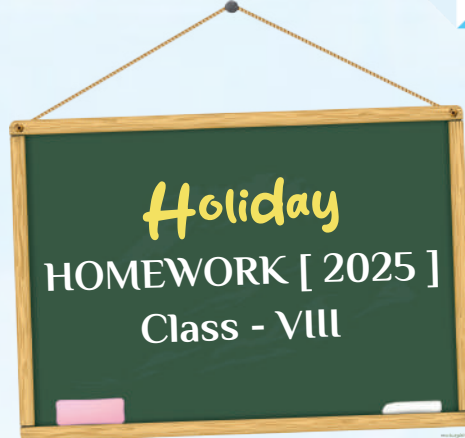
- Task:** Use ingredients like baking soda, essential oils, and lemon peels to create eco-friendly room fresheners.
Make natural room fresheners and prepare a pitch to sell it and also showcase it in the class.

2. Design a Low-Cost Water Purifier Model (Roll No.6-10)

- Task:** Create a working model using gravel, sand, charcoal, and cotton.
- Submission:** One-page business idea on A4 sheet and also paste the photos on sheet.

3. Make Herbal Mosquito Repellent Spray (Roll No.11-15)

- Task:** Prepare a simple mosquito repellent using neem, camphor, lemon, and water/alcohol.
- Include:** Ingredients, method, science behind it, cost, and name of the product.



4. Homemade Organic Toothpaste or Soap (Roll No.16-20)

- **Task:** Use ingredients like baking soda, coconut oil, and clove oil to make a natural toothpaste or soap.
- **Submission:** Packaging design, cost analysis, and a poster for advertisement.

5. Create and Market a “Seed Bomb” Kit (Roll No.21-25)

- **Task:** Make seed bombs using clay, compost, and seeds.
- **Purpose:** To promote plantation and greenery.
- **Extension:** Design a kit that can be gifted or sold in the community.
- **Submission:** Photos + flyer or brochure design.

6. Recycled Paper Making at Home (Roll No. 26-till last)

- **Task:** Reuse old newspapers or notebooks to make handmade paper.
- **Extension:** Think how it can be sold as gift cards or eco-notebooks.
- **Submission:** Samples, process photos, and ideas for branding.

SUBJECT-SOCIAL SCIENCE

Note: The given topics are divided as per the roll numbers.

Task 1 – Be an Eco-Entrepreneur (Roll No.1-10)

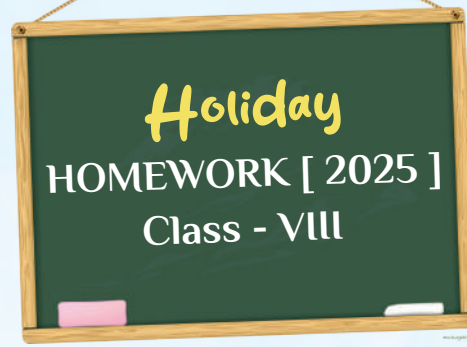
Create a business/startup plan for a sustainable product or service using any natural or human-made resources (e.g., recycled paper notebooks, water-saving devices, greener initiatives etc.). **Draft a brief report on:** –

- The resource used and type (renewable/non-renewable, etc.), places where it is found
- Steps in making the product
- Marketing slogan or campaign idea
- Business/ Product logo
- Cost involved in the steps, Product Price and target audience
- A social/ sustainability message which you wish to attach with your Startup plan.

Task 2 – Vocal for Local(Roll No.11-20)

Interview any one local small business owner (e.g., tea stall, tailor, potter, etc.) and draw a mind/concept map consisting of the following headers with a brief explanation about the same.

- Resources (localised as well as other types) used
- Historical perspective of the business (e.g., handicraft, textile etc.)
- Employment generated
- Skills involved in the process
- Challenges faced by them (health, water, electricity etc.)
- Help that they get/need from the Government
- Sustainability/eco-friendly meter
- Indian government initiatives for small businesses like these (Make in India)



Task 3 – Agro-vation (Innovation in Agricultural Practices) (Roll No.21-30)

Research innovative agricultural practices (like vertical farming, drip irrigation, organic farming, composting) and write a brief report on how these techniques can improve land and water use in India.

Use the following pointers:

- Description of modern farming technique
- Benefits compared to traditional farming
- A case study (e.g., a farmer/ innovator/a region using the technique)
- A start-up idea: “If you had to make a business based on this, what would it be? You can use visual images/ diagrams to support your answer.

Task 4 – Historical Entrepreneurs of India(Roll No.31-till last)

Choose any one artisan/trader from the colonial time period of India (e.g., weavers in Bengal or any other place, iron smelters, spice merchants, textile/ handicraft workers, indigo planters etc). Write 1–2-page creative journal entry in first person, imagining you are that artisan.

Include the following points:

- A brief introduction of your trade/craft with time period
- A description of your daily work
- How your work flourished before the arrival of the Britishers
- The challenges that you face now under British control
- Your thoughts, feelings, and ideas to solve or adapt (e.g., start a local market, change product style, etc.)
- Your hopes for the future

विषय: – संस्कृतम्

“:नवोन्मेष ” अस्मिन् विषये संस्कृते दश वाक्यानि रचयत | चित्रैः साकं निर्माणं कुरुत |

SUBJECT-FRENCH

Trouvez 10 mots avec le sens basé sur l'innovation et l'entrepreneuriat et formulez des phrases en utilisant chaque mot.

SUBJECT-GERMAN

Finde 10 Wörter mit Bedeutungen aus den Bereichen Innovation und Unternehmertum und formuliere Sätze mit jedem Wort.