

SADHU VASWANI INTERNATIONAL SCHOOL FOR GIRLS
INTER-DISCIPLINARY PROJECT
HOLIDAY HOME WORK
CLASS VIII (2025-26)

This year's Summer Holiday Homework invites you on an exciting journey of learning and discovery, inspired by global themes declared by the United Nations: The **International Year of Cooperatives**, the urgent call for **Glaciers Preservation**, and the incredible frontiers of **Quantum Science and Technology**. These themes have been chosen to help you connect your classroom learning with the real world, encouraging you to explore how people across the globe work together to solve challenges, protect our planet's fragile ecosystems, and unlock the mysteries of the universe through cutting-edge science. Each activity is designed to spark your curiosity, build your creativity, and strengthen important skills like collaboration, problem-solving, innovation, and communication. Through research, hands-on tasks, and thoughtful reflection, you'll discover how science, society, and sustainability are closely linked—and how you, too, can contribute to a better future.

**Let this summer be your gateway to thinking deeply, imagining boldly, and learning joyfully
—far beyond the classroom!**

This project comprises of 7 parts –A, B, C, D, E, F and G

- The class will be divided into groups comprising 5 members each on the basis of roll numbers i.e., 1-5, 6-10, etc. (8 groups per class)
- Each group is expected to do all the 5 tasks given under each part (One task per child for each part).

Task 1 is for Roll Nos. 1, 6, 11, 16, 21, 26, 31, 36, 41

Task 2 is for Roll Nos. 2, 7, 12, 17, 22, 27, 32, 37, 42

Task 3 is for Roll Nos. 3, 8, 13, 18, 23, 28, 33, 38, 43

Task 4 is for Roll Nos. 4, 9, 14, 19, 24, 29, 34, 39, 44

Task 5 is for Roll Nos. 5, 10, 15, 20, 25, 30, 35, 40, 45

- Each group will have a leader who will be coordinating with the group members, so that the work is completed and submitted on time
- Each group will collate and present their work in **one single file only**
- Make use of eco-friendly materials for preparing the models
- For Part G, students must take up task according to the instructions given and not according to the roll numbers.

Note: Students must take up Weekend Cleanliness tasks diligently, according to the given schedule.

PART A

Task 1

1. Two Truths and a Lie

Write 3 facts about a glacier on an A4 size sheet out of which two are true and one is false. Frame a game. Player will choose a card and will be asked to guess the incorrect statement out of the three. If they guess it right, they win. Make 5 such post card size cards.

Task 2

2. Bunting

Make a beautiful bunting decoration depicting different glaciers of the world and a brief text on them. Alternate the pictures and text to complete the 1 meter long bunting.

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Task 3

3. Glacial Dossier

Conduct a research on any one glacier and prepare a dossier detailing information on a trip planned to reach that glacier using your home as the starting point. Use A4 size sheets. Include the following in the dossier:

- weather conditions met on the way

- modes of transports used
- types of stays you could manage
- experience of the special moments

Take two halts on the way and mention your experience on each halt.

Task 4

4. Lets Save Glaciers - Pair Activity

Simulate real-life and practical issues related to glaciers like rising sea levels, decreased freshwater availability. Record an interview of 1.5 minutes with your peer highlighting these problems and solutions to resolve these. Address at least 3 issues. Submit the recording online at the email Id (will be shared in class group).

Task 5

5. Vision Board

Research on what steps can be taken to preserve and treat glaciers well. Create a vision board depicting the same on an A3 size sheet. Make it colourful and informative.

PART B

Worksheet to identify steps of a project (An interdisciplinary approach)			
Class : VIII	Main Topic : सेंसिबल संरक्षण : आज की आवश्यकता	Term : प्रथम	Session : 2025 - 2026
Subject	Chapter / Topic	Skill	H M W given in brief : पंच उल (पृथ्वी, जल, अग्नि, वायु, अंतरिक्ष) को प्राण तत्व - विषय के आधार पर निर्धारणसमय कार्य कीजिए।
हिंदी	आज के सबसे बड़े विश्वीय झीलों किटुप्लान की (कविता)	<ul style="list-style-type: none"> * सूचनासंकलन - कलामासंकलन * प्रस्तुतीकरण (कलामासंकलन, सौंदर्यवैधी) * भाषिक - निपुणता (सर, शुद्धता सटीकता) * विषय का सम्यक ज्ञान * जीवन मूल्य (प्रभुति एवं संस्कृति संरक्षण) 	<p>वर्ग 1. भारत की नदियाँ (गंगा, यमुना, नर्मदा आदि) के संरक्षण की आवश्यकता और उनकी स्वच्छता बनाए रखने के उपायों में निम्न तीन पृष्ठों की एक आकर्षक जानकारीयें पत्रिका बनाइए तथा उसे एक आकर्षक -सा शीर्षक भी दीजिए। (ए-3 आकार के कागज पर)</p> <p>वर्ग 2. भारत के पर्यटन विभाग तथा उत्तरी भारत की पर्वत श्रृंखलाओं के संरक्षण पर आधारित एक नारा लिखते हुए आकर्षक सा सचित्र पोस्टर बनाए। (ए-3 आकार के कागज पर)</p> <p>वर्ग 3. भारत के पर्यटन विभाग के बट आउट अथवा माडल पर सेंसिबल संरक्षण हेतु किन्हीं पाँच नारों की प्रभुति कीजिए। (सामान्य आकार का बट - आउट लगभग 12 X 12 इंच)</p> <p>वर्ग 4. एक आकर्षक - सा सचित्र विज्ञापन तैयार कीजिए जिसमें पंच तत्वों में से किन्हीं दो स्वस्थित तत्वों के संरक्षण की प्रभुति हो। (ए-3 आकार के कागज पर)</p> <p>वर्ग 5. पंच तत्वों अथवा उनसे जुड़ी वस्तुओं (जैसे : पहाड़, नदी, झरना, पृथ्वी, नख से टकली बूट, बादल आदि) के बट आउट पर अथवा सचित्र बट - आउट (बैथनार, झाल, लटकन, लालटेन आदि) पर पर्यावरण बचाओ या पंच तत्वों के प्रत्येक एक - एक तत्व पर आधारित उनके संरक्षण के उपाय लिखिए। (ए-3 आकार का बट आउट।)</p>

PART C

Task 1

Use the link to perform the following tasks:

<https://coffeeboard.gov.in/coffee-statistics.html?page=CoffeeData#cof>

Prepare a Bar Graph using appropriate scale to represent estimated domestic consumption of coffee in India from 2000 to 2011.

Task 2

India is among the top 10 coffee producing countries with about 3% of the global output in 2020.

Coffee Producing States in India		
Rank	State	Production (in MT- Metric Tons)
1	Karnataka	2,66,885
2	Kerala	72,825
3	Tamil Nadu	18,435
4	Andhra Pradesh	15,380
5	Odisha	500
6	Northeastern Region	175
	India - Total	3,74,200

Major Coffee Producing States in India with details of production (Post Blossom Estimate 2023-2024 by Coffee Board)

Calculate the production (in percentage) share of the states mentioned in the table.

Task 3

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As per the survey report on Coffee consumption trends in India 2023, 84% of consumers prefer only tea or coffee regularly, indicating a strong preference for these beverages. Apart from tea and coffee, milk-based products such as raw milk, chach, lassi are the second most preferred beverages with 9% consuming only these products regularly. They are followed by fruit juices with 4%, health drinks and carbonated drinks 1% each.

Draw a Pie chart to depict the above information on A4 sheet.

Task 4

List top 5 Coffee Chains grown at robust rate in the recent past in India and draw their Brand logo. Use A4 sheet and appropriate colours to draw these Brand logos.

Task 5

Design a sketch of Café using different types of Quadrilaterals on A4 size sheet. Assign a catchy name to attract the crowd.

PART D

Task 1: Make Your Own Science Toy!

Select any one toy from the list below or make your own toy:

- **Kaleidoscope**
- **Periscope**
- **Pin hole camera**
- **Telescope**

Instructions:

On A3 size sheets include the following:

1. **Name of the Toy**
2. **What Does It Do?** (Describe the toy in 2–3 lines)
3. **Materials Used** (List everything you used)
4. **Steps to Make It** (Write in points with photos)
5. **Science Principle Involved** (e.g., “This toy shows air pressure pushing the balloon-powered car forward.”)
6. **What Did You Learn from This Activity?** (Write 3–4 sentences)
7. Take photos during each stage of making and paste them on the sheets

Note:

Test your toy and make sure it works!

Link of Video Tutorials

Kaleidoscope

<https://www.youtube.com/watch?v=yShrIOj34r0>

Periscope

<https://www.youtube.com/watch?v=B5NCqIBM34o>

Task 2: Poster on the topic – ‘Every Watt Counts’!

Every electric device runs on moving particles like electrons. Smart use of electricity helps us manage energy better — a key idea behind modern technologies and future innovations.

What to Do:

Make a poster explaining **why saving electricity is important** and **how we can do it** at home and school. Show real-life examples of energy-saving choices.

Instructions:

- Create the poster on A3 paper or half chart sheet.
- Include at least **4 ways** to save electricity with suitable drawings or printed pictures.

- Add a clear title like “Save Power, Brighten the Future!”
- Write **1–2 lines** under each example explaining its benefit.
- Keep layout clean, colourful, and easy to understand.
- Avoid clutter; use bold text and label your visuals neatly.

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Link of Video Tutorials

<https://www.youtube.com/watch?v=yajBZ3IM4Es>

Task 3: Create a Science Display on Electricity Safety Devices

Make an informative and eye-catching **science display** on electricity safety device. Use a combination of visuals and text to explain how the device works and why it’s important.

Examples: Fuse, Miniature Circuit Breaker (MCB), Earthing,

Lightning Conductor, etc or you can choose any other option of your choice.

Instructions:

1. **Title:** Write the name of your chosen device clearly at the top.
2. **Introduction:** Write 2–3 lines describing what the device is and its purpose.
3. **How It Works:** Explain the science principle in simple words.
4. **Visuals:** Paste or draw clear diagrams or pictures showing the device and its working. Use arrows and labels to make it easy to understand
5. **Importance:** Write a short note on why this device is important for electrical safety.

Link of Video Tutorials

<https://www.youtube.com/watch?v=8sEMzuHITw8>

Task 4: Collage Making

Science provides the foundation for technology. Scientific knowledge is essential for developing new technologies and then these developments lead to further discoveries in the field of science. Hence, Science and technology are intertwined. They are two sides of the same coin.

Design a collage on A3 size sheet depicting the ‘Latest developments in the any one field of Science and technology in India’

Link of Tutorials

<https://www.indiascienceandtechnology.gov.in/>

<https://www.pib.gov.in/PressReleasePage.aspx?PRID=2087506>

<https://ddnews.gov.in/en/india-achieves-major-milestones-in-science-and-technology-advancements-in-2024/>

Task 5: Create a Timeline Chart – India’s Energy Journey

Research and create a timeline showing the important milestones in India’s energy journey related to **Transport, Communication, Electricity, or Light**.

Choose ONE topic from the list below:

- **Transport**
- **Communication**
- **Electricity**
- **Light**

Instructions:

1. Using an **A3 size chart paper**, create a **timeline** showing at least **8–10 important milestones** related to your chosen topic.
2. **Research and write milestones** including:
 - The year or period of the event
 - A brief description (1–2 lines) explaining the event and its connection to energy use or development

3. Add **pictures, icons, or drawings** to represent the milestones visually.
4. Connect the milestones with a **line or arrows** to show the timeline clearly.
5. Use **colours and neat handwriting** to make your timeline attractive and easy to understand.

Link of Video Tutorials

<https://www.youtube.com/watch?v=l2wJUbcUB4g>

PART E

Task 1: Research & Report

Prepare a scrapbook on 'The Role of Glaciers in the Earth's Ecosystem and How Human Activities Impact Glacial Preservation. Make the scrapbook of 8-10 pages on A4 size scrapbook and use attractive pictures and data. You can use the given link to get the information:

https://youtu.be/GLARVuoAj1k?si=nIZmGqS_gogu44Rf

Task 2: Identify and Locate

Explore the Internet and gather information about the world's famous glaciers. Choose any 3 glaciers from around the world (e.g., Siachen, Greenland, Franz Josef Glacier). On A3 size sheet paste the world map and locate the country and continent they are located in and mention any two interesting facts about each.

You can use the given link to get the information:

<https://images.app.goo.gl/VLwJygCkeeFuHR8w8>

Task 3: Glacier Guardian: Toss for a Cause

Students should design and create a Ring Toss game that raises awareness about glaciers and promotes sustainable actions. Students should follow the given steps to make the game:

- Take a cardboard
- Collect interesting facts about any five glaciers of the world
- Make paper cones to represent mountains
- Cover the top of each cone with cotton or white paint to show glaciers
- Prepare quiz cards consisting of interesting facts about each glacier
- Ask questions from your friends/family and on correct answer ask them to toss the ring on correct glacier.
- Size of clue cards should be 1/4th of A4 size sheet.
- Prepare atleast five questions on each glacier.
- Ask minimum two questions from one person at a time on each glacier.

Task Requirements:

1. *Game Title:* "Toss for a cause"
2. *Target Audience:* Classmates, family, or community
3. *Gameplay:*
 - Players toss rings onto targets labeled with glaciers
 - Each target has points or rewards.

Students can use the given link to learn the steps of ring toss game:

<https://youtube.com/shorts/OyhTaffpCi8?si=YtxdlgKTT3N27FMP>

Task 4: Create an Awareness Drive Video on "Save Glaciers"

Students should Produce a short, impactful video that raises awareness about the importance of glaciers and the urgent need to protect them from climate change. The video must be based on the following themes:

1. *Duration:* 2-3 minutes.
2. *Target Audience:* General public (families/friends).
3. *Key Messages:*
 - Importance of glaciers (freshwater source, climate regulation).
 - Impact of climate change (melting, sea-level rise).
 - Simple actions to save glaciers (reduce carbon footprint, support renewable energy).

Video Structure:

1. *Introduction (0s-10s):*
 - Striking visuals of glaciers.
 - Brief overview of the topic.
2. *Importance of Glaciers (10s-40s):*
 - Facts about glaciers (freshwater, ecosystems).
 - Visuals of glaciers in their natural state.
3. *Impact of Climate Change (40s-1min 10s):*

- Visuals of melting glaciers, rising sea levels.
 - Statistics on glacier loss.
4. *Call-to-Action (1min 10s-2min):*
- Simple actions viewers can take.
 - Encouragement to spread awareness.

Production Tips:

1. *Visuals:* Use high-quality images or footage of glaciers.
2. *Narration:* Clear, engaging voiceover.
3. *Music:* Background music that evokes emotion.
4. *Text Overlays:* Key points, statistics, and calls-to-action.

Video should be in MP4 Format

Students should mail their video on bhawnasarthakvohra@svigdelhi.com

Task 5: Melting Moments: An Accordion Book

Explore internet and use the given information to Design an Accordion book on an A3 Size sheet showing the journey of Glaciers. The accordion book must illustrate the glacial formation process, including stages like snowfall, compaction, and ice formation. Label each stage and explain its significance. Students must use attractive pictures and ideas from Internet. The accordion should include 10-12 pages. Student can use the given link to get information:

https://youtube.com/shorts/zFNyOWztutk?si=G66nVX9_iL_P1Xfs

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PART F

- **TASK 1:** Students are required to create a Web Page on theme “**Role of Co - Operatives in Education and Training**”.

OR

- **TASK 2:** Students are required to create a Podcast/ Blog on the theme: “**Advanced Security Features on Mobile Platforms**” representing a short story. The duration of the podcast should be between 2 to 5 minutes, ensuring the content is concise yet impactful.

OR

- **TASK 3:** Design a Paper Poster on “**Artificial Intelligence: Future of Smart City**”. The design must be made on an A3 size sheet (297 mm × 420 mm), ensuring clarity and organization in both content and layout.

Note: Share the podcast in mp4 format / webpage on the email ID given below: computerassignments@svigdelhi.com with your name, class and section in the subject line.

PART G

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Sindhi

Class : VIII Main Topic : **ग्लेशियर संरक्षण** Term : **प्रथम** Session : 2025 - 2026

Subject	Chapter / Topic	Skill	H.H.W given in brief: पर्यावरण जी रक्षा
Sindhi	वन पोखियो	<ul style="list-style-type: none"> * सृजनात्मकता - कल्पनात्मकता * प्रस्तुतीकरण (कलात्मकता, सौंदर्यबोध) * आर्थिक - निपुणता (स्तर, शुद्धता सटीकता) * विषय का सम्यक ज्ञान * जीवन मूल्य (भाईचारा, एकता) 	<p>वर्ग-1. पर्यावरण मुताबिक (Ecofriendly) हिकु माडल छाहियो। हुन ते पर्यावरण या उन सां वास्तो रखंदइ शयुनि (जीअं :- ग्लेशियर, पेड़-पौधे, पहाड़, नदी, झरना, धरती, पाणी वगैरह) जा सिंधीअ में चित्र सुमत स्लेगन लिखो। (सामान्य आकार लगभग 8 इंच x 4 इंच आयताकार)</p> <p>वर्ग-2. पर्यावरण या उन सां वास्तो रखंदइ शयुनि (जीअं :- ग्लेशियर, पेड़-पौधे, पहाड़, नदी, झरना, धरती, पाणी वगैरह) छे चित्र सहित पोस्टर ते ठाहे सिन्धीअ में नारो लिखो। (ए - 3 आकार का कट आउट)</p>

Sanskrit

<p>H.H.W given in brief : पञ्चतत्त्व (पृथ्वी, जल, अग्नि, आकाश, वायु) –प्राणतत्त्व एवं- विषय के आधार पर निर्देशानुसार कार्य कीजिए।</p> <p>वर्ग 1. पञ्च तत्त्वों का संरक्षण कितना आवश्यक है विषय आधारित एक स्वचयनित टेबल पर रखे जाने योग्य मॉडल बनाएँ जिसमें पञ्च तत्त्वों की एक उपयोगिता को उनके संस्कृत नाम सहित संस्कृत में एक वाक्य के रूप में पट्टियों पर प्रदर्शित करें। (ए-3 आकार के गते पर)</p> <p>वर्ग 2. पञ्च तत्त्वों अथवा उनसे जुड़ी वस्तुओं पर आधारित दो बन्धनवार बनाएँ तथा उन पर पञ्च तत्त्वों से संबंधित संस्कृत सूक्ति वाक्य लिखिए। (लम्बाई X चौड़ाई X ऊँचाई- 12 X 4 X 4 इंच)</p> <p>वर्ग 3. पञ्च तत्त्वों के कट आउट अथवा मॉडल पर पञ्च तत्त्वों के संस्कृत में नाम के साथ आकर्षक प्रस्तुति दीजिए। साथ ही पञ्च तत्त्वों के एक एक पर्याय शब्द से संस्कृत में वाक्य संरचना कर लिखें। (सामान्य आकार का कट - आउट लगभग 12 X 12 इंच)</p> <p>वर्ग 4. पञ्च तत्त्वों में से किसी एक तत्व के संरक्षण पर आधारित सचित्र आकर्षक एवं ज्ञानवर्धक सूक्ष्मयुक्त पोस्टर बनाएँ। (ए-3 आकार के कागज पर)</p> <p>वर्ग 5. पञ्च तत्त्वों अथवा उनसे जुड़ी वस्तुओं (जैसे :- पहाड़, नदी, झरना, पृथ्वी, नल से टपकती बूँद, बादल आदि) के कट आउट पर अथवा स्वोच्छित कट – आउट पर टेबल पर रखे जाने योग्य हो) पञ्च तत्त्वों में से प्रत्येक का विलोम शब्द के साथ एक संस्कृत में वाक्य रचना कर लिखिए। (ए - 3 आकार का कट आउट)</p>
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French

Task-1 Imagine you are walking on a glacier.. What do you see? Draw an appealing poster of size A3 showcasing your imagination and prepare a small write-up of sixty words about your icy adventure in French language. Make it in such a way that you can display it on a stand of size A4.

Task-2 Make a colorful book on “Chill Facts about Glaciers” with five cool facts and use each fact in a sentence in French language. Support your facts with captivating pictures. (book size A4). Give your book a frosty and ice effect by using glitter, cotton for snow etc

Task-3 Design four flashcards on Do's and Dont's (two cards each of half A4 size) to inform mankind of their actions to preserve the glaciers in French language. Design them like it's carved in ice.

Task-4 Create an acrostic poem in French on Glacier where each line starts with a letter from the word Glacier. Present your poem on items from best out of waste resources like handkerchief, old box, plastic bottle, paper plates etc.

Task-5 Design a PPT of 10 slides of travel brochure for one glacier from each country. Include :

Why should someone visit it ?

What can they see or learn ?

Fun facts and safety tips !

Spanish

Tarea 1: Crea una postal desde un glaciar (Create a Postcard from a Glacier)

Objective: Practice descriptive writing and vocabulary related to nature, climate, and emotions. Instructions:

* Imagine you are visiting a famous glacier like Perito Moreno(Argentina) or Glaciar de Monte Perdido (Spain).

* Design a postcard showing what you see — you can draw or print a picture of the glacier.

* On the back of the postcard, write a short message in Spanish(5–7 lines), describing:

* What you see around (ice, mountains, animals)

* How you feel (cold, amazed, excited)

* What you are doing (walking, taking photos, etc.)

Example sentence starters:

* “¡Hola desde el glaciar Perito Moreno!”

* “Hace mucho frío pero el paisaje es hermoso.” * “Estoy viendo bloques de hielo enormes...”

Skills developed: Vocabulary (weather, nature), present tense verbs, creative writing, drawing.

Tarea 2: Mi mini-libro del glaciar (My Mini Glacier Book)

Objective: Combine research, Spanish vocabulary, and creative design in a fun booklet.

Instructions:

* Create a mini-book (4-6 pages) about glaciers, in Spanish. * Each page should have a drawing and 2–3 sentences.

Suggested pages:

1. ¿Qué es un glaciar?

2. ¿Dónde hay glaciares?
3. Animales que viven cerca
4. Problemas del cambio climático
5. ¿Por qué los glaciares son importantes? 6. Mi mensaje para salvar los glaciares

Tip: Use colored paper or recycled material to make it eco-friendly and fun!

Skills developed: Sentence construction, researching in Spanish (guided material), summarizing information, artistic creativity.

Tarea 3: Create a Spanish Storyboard

Develop a storyboard that illustrates a scene or story from a Spanish-language work (like a book, play, or film).

Instructions:

* Choose a Spanish-Language Work: Select a book, play, or film in Spanish to create your storyboard.

Some examples are "Don Quijote," "La Casa de Bernarda Alba," or a scene from a popular Spanish language film.

* Identify a Scene: Choose a specific scene or moment to illustrate. It could be a key event, a dramatic moment, or a scene with strong imagery.

* Draw the Storyboard: On several A4 sheets, create a storyboard with multiple panels that depict the scene. Include illustrations and brief descriptions in Spanish for each panel to explain the action or dialogue.

* Add Color and Details: Use colored pencils, markers, or other art supplies to add depth and detail to your storyboard.

* Write a Summary: Write a brief summary in Spanish to accompany your storyboard. Describe the scene, its significance, and any key elements.

* Present the Storyboard: Present your storyboard to the class, explaining the scene and how it relates to the larger work. Describe your creative choices and discuss the importance of the scene in Spanish.

Reminder:

* Projects must be presentable and neat, labelled clearly in Spanish

* Try to use your own imagination, creativity, and love for art to make it stand out!

* You may take inspiration from real glaciers but add your own twist to reflect Hispanic culture and Spanish vocabulary.