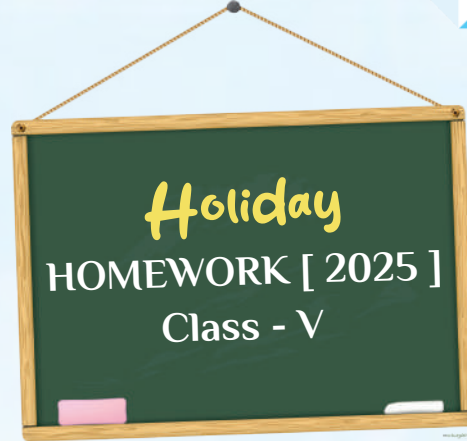


"Holidays are not only meant for relaxation and fun but also for self-improvement and growth. Embrace the opportunity of holiday homework to ignite your curiosity, expand your knowledge, and unlock your potential."

Summer vacation is a time when students can ease and enjoy. It is a time to catch up, spend time with family, friends and range over new hobbies. Even seemingly small efforts, particularly those made by young individuals or those with limited resources, can lead to significant and meaningful outcomes. It emphasizes that influence and change are not solely determined by physical strength or age, but by intention, action, and commitment. Keeping this in mind, we have designed various exciting activities based on our theme 'Small Hands,Big Impact' to keep the students engaged and active during the summer vacation.

These fun projects/ assignments would enhance learning skills and help understand concepts better. These activities will not only help the students to revise what was taught, but will also enrich their knowledge. It will retain knowledge and keep their brains engaged. If they venture into it with the right approach and excitement, it will be a great learning opportunity. The time is right to nurture and grow non-intellectual abilities in growing, soft minds.





Dear learners, just for you, we have this "Summer Holiday Homework." It will undoubtedly shape you for a more prosperous and successful year. Prepare yourself for an exciting adventure loaded with excitement.

**A few pointers to help you make the most of your extended summer vacation.**

- Aim to complete the holiday assignments entirely on your own with as little help as possible.
- Complete any unfinished worksheet, notebook, or book work that you may have.
- Holiday Homework must be done on A4 sized sheets, prepare a subject wise bunch and compile the complete homework in labelled folder.
- The holiday homework is to be done with neat and tidy handwriting.
- The holiday homework must be submitted on 1<sup>st</sup> July.

**Do's**

- Make an early bedtime and morning ritual. Stretch, meditate, or simply take a little stroll.
- Eat a nutritious diet with plenty of water. Include citrus fruits like orange, lemon and grapefruit.
- Play board games with your parents and siblings and spend some quality time with an elderly person in the family.
- Start learning a new skill like painting, dance, music or public speaking.
- Make sure to be consistent with the holiday homework. Avoid completing it for the last day!

**Don'ts**

- Do not waste all your time to play video games or mobile games.
- Avoid going outside while the sun is at its brightest. Try engaging in some fun indoor activities.
- Avoid sleeping in excess or allowing boredom to rule your life. Keep yourself busy while on vacation.

Summer vacations can be considered spent well only if kids are able to strike a balance between enjoyment and learning. Summer breaks shouldn't be viewed as a time off from education. In reality, studying under the appearance of enjoyment and amusement is what makes vacations so essential.

Have a wonderful summer vacation!

**English**

**Topic: Small Hands, Big Impact – A Collection of Young Changemakers**

**Q1. You need to create a mini project that showcases how children or young people have made a big difference in the world or their communities. You can choose two or combine all the three following formats:**

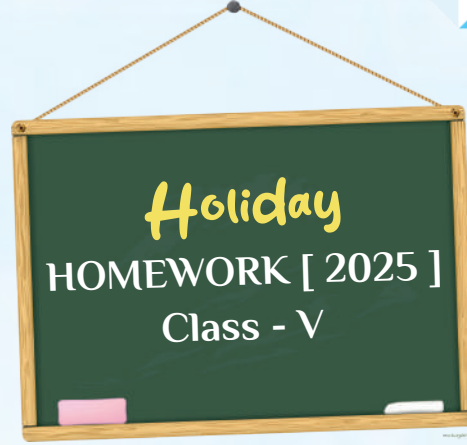
**a) Short Story (200-250 words)**

Write a fictional story about a young child who notices a problem and finds a creative way to solve it, such as reducing plastic use, helping a stray animal, starting a school garden, or teaching someone to read.

**Example Title: The Girl Who Planted Hope**

**b) Interview Format**

Create a mock interview with a child hero or a changemaker. This can be a real person (like Kailash Satyarthi, Sudha Murthy, Shantanu Naidu etc.) or a fictional character you've invented.



**Example Title: Chatting with Ayaan – “The boy who built a library in a slum”**

**c) Poem**

Write a heartfelt poem about how even small actions—like planting a tree, helping someone, or speaking up—can have a powerful ripple effect.

**Suggested lines to begin:**

With tiny hands and a caring heart,

A child took action, made a start...

**Q2.** Read the closed reading passages ‘I Didn’t do it’ (pg 32-33) and ‘The Macroni disaster’ (pg 55-56) given in the coursebook and solve the questions related to it in the workbook.

**Q3.** Mother Teresa was an inspiration to many as she dedicated her life to caring for the sick and homeless people. Imagine you have got the opportunity to interview Mother Teresa. What questions would you like to ask her (5 questions). Record the interview and share it with your English teacher.

[Note: You can wear the attire according to the role and situation]

**Hindi :-**

1. चित्र बनाओ और रंग भरों:- अपना स्क्रीप फाइल लें और उसमें बच्चों को पेड़, धरती, पशु, या स्कूल की मदद करते हुए दिखाओ। उसके नीचे लिखो – "हम छोटे हैं, पर हम कुछ भी कर सकते हैं।"

2. एक कविता लिखो:

शीर्षक: "मेरे हाथों की ताकत"

उदाहरण:

छोटे हैं मेरे हाथ सही,

पर इनसे काम बड़े कई।

माँ की मदद, खेल में जीत,

इनसे ही होती है नई रीत।

3. एक काम करो और फोटो लगाओ:

जैसे – पौधा लगाना, किसी बुजुर्ग की मदद करना, पानी बचाना आदि। उस काम की एक फोटो A4 sheet पर चिपकाओ और दो लाइन में लिखो – "मैंने यह काम क्यों किया?"

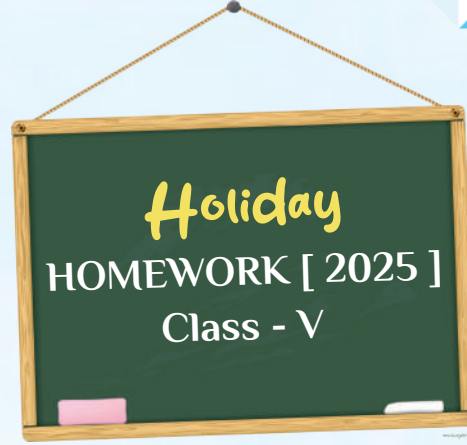
अंत में लिखें- "मैं छोटा हूँ, पर मेरे सपने और काम बड़े हैं।"

**Maths :-**

1) **Symmetrical Mandala – Art Meets Maths** Task:- Discover the beauty of Mandala art !It involves geometric patterns, shapes and designs that radiate from a central point, symbolizing unity and harmony. Make your own mandala art by using symmetry, geometric patterns and repetition & create something beautiful.

- Use leaves, petals, seeds, or coloured paper.
- Draw a circle and divide it into equal parts & decorate each part symmetrically.





## 2) Case Study :-

**A) Aaryan Shukla, a 14 year-old math prodigy from Nasik has achieved incredible success in mental calculations. Read some of his notable achievements & answer the following questions:-**

Aaryan Shukla set a Guinness World Record for the "fastest time to mentally add 50 five-digit numbers". He achieved this on February 29, 2024, on the Italian TV show "Lo Show Dei Record" in Milan, Italy, completing the task in 25.19 seconds.

Aaryan has been practicing mental math since the age of 6 and is a leading Mental Math athlete representing India in international competitions. He previously won the "World Champion" title at the 2022 Mental Calculation World Cup in Germany. He represented India among 40 human calculators from 20 countries worldwide. He was only 12 years old at that time. He is one of the founding board member of the global mental calculators Association ( GMCA), a geographically diverse elite association of mental calculators worldwide.

**1) Add greatest & smallest 5 digit number mentally & round off the resultant number to nearest 1000 & 10 thousand.**

**2) Write February 29, 2024 in Roman numerals.**

**3) Multiply 25.19 by one lakh & insert commas as per international place value chart.**

**4) Multiply postal code of Germany by smallest 4 digit number & Italy by greatest 2 digit number & compare them.**

**5) Find the square of current age of Aaryan.**

**6) What values or lessons can we learn from Aaryan Shukla's achievements, and how can we apply them to set and achieve our own goals? ( Write in 2-3 lines)**

**B) "The Power of Small Actions: Making a Big Difference"** -Once, while walking home from school young Devansh noticed trash littering the sidewalk. Instead of ignoring it like others, he stopped, picked up the litter, and disposed off it properly. He decided to transform a littering place into garden as It's important to take care of our planet. His selfless act sparked a chain reaction of social responsibility in the community.

Devansh discussed the same with his classmates and they all decide to make a group of students. Then that group of students organizes a small - scale "Plant a Seed, Change the World" campaign in their neighborhood. They plan to distribute small packets of vegetables seeds to residents.

1. If each packet contains 125 seeds, and they plan to distribute 200 packets. How many seeds will they distribute in total?

2. If they collect 3725 seeds from their school garden and divide them into 25 packets. How many seeds will be in each packets?

3. They need to buy 250 seed packets. If each packet costs ₹ 48. What will be the total cost?

## Science:-

### Activity -1 🌱 "My Green Action for a Better Earth"

#### What to Do:

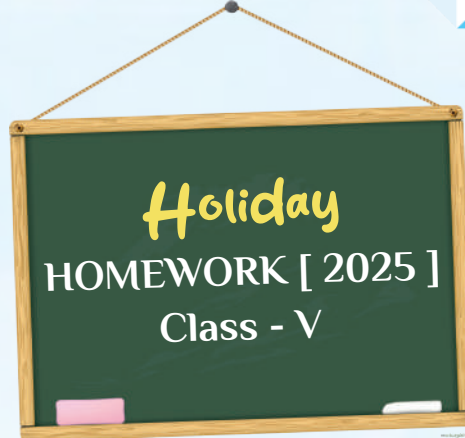
1. Take one sapling or seed (e.g. tomato, Tulsi, money plant, coriander, etc.) and plant it in a pot or garden. & Water it daily and keep it in sunlight as needed.

3. Observe it every day and note any changes (like growth of new leaves, height, etc.). & At the end of 4 weeks, take a photo with your plant and write what you learned.

Fill in the table given below: (Take A-4 size pastel sheet and draw the chart)

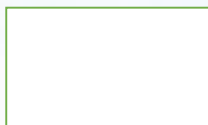
#### 🌱 My Plant Observation Table





<input type="checkbox"/> Week	<input type="checkbox"/> What I Observed	<input checked="" type="checkbox"/> Watered (Yes/No)	<input type="checkbox"/> Sunlight Given (Yes/No)
Week 1	(e.g. tiny leaves appeared)	Yes / No	Yes / No
Week 2			
Week 3			
Week 4			

☐ **Photo Space:** (Paste your picture with the plant here)



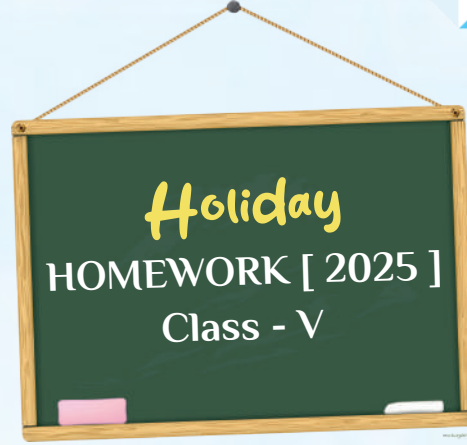
☒ **What I Learned:** Write 2-3 lines about what you learned while taking care of your plant. Example: "I learned that plants need water, sunlight, and care to grow. I felt happy seeing my plant grow every week!"

**Activity - 2:** "MY Curiosity Quest Jar"- Discover Science in Everyday Life!



**What to Do:**

1. Take a clean jar, box, or any container at home. Decorate it with stickers, paper, or drawings. Label it "My Science Observation Jar."
2. Every day during the holidays, make one scientific observation. It could be about nature, weather, plants, animals, or materials. Write your observation on a small slip of paper and put it in the jar.
3. At the end of the holidays, bring your jar to class (or make a list of your observations on A4-size sheet) and share your favourite observation with your classmates.



**🔍 Examples of Scientific Observations:**

- Watch how water evaporates on boiling
- Observe birds or insects in your garden and note their behavior
- Noting how different objects sink or float in water
- Observe moon phases and draw what you see each night
- Mix primary colors to see how new colors are formed
- Watch how sugar or salt dissolves in warm vs cold water
- Make a paper airplane and test how far different designs fly
- Check how oil and water don't mix
- Watch condensation form on a cold glass on a hot day
- Compare how fast ice melts in shade vs. under sunlight

**Social Studies :-**

**Task: "My Social Action Scrapbook"**

1. Use a scrapbook for all your work.
2. Each activity should be done on a separate page with a heading.
3. Add pictures, drawings, or collage work wherever required.
4. Use your own words to write observations, reflections, and answers.
5. Use recycled or waste materials for practical tasks like collage or compost.

**Activity 1 — Be a Little Teacher: Help Someone Learn**

**Instructions for Students:**

Think of someone around you who may not have had the chance to go to school — like your house help, a gardener, or a local vendor. With your parents' support, spend some time teaching them something simple but useful.

**You can teach them:**

- How to write their name
- Count numbers from 1 to 10
- How to read basic Hindi/English signs
- Why clean and safe drinking water is important and how to boil/filter it.

**What to Submit:**

- A short paragraph about whom you taught, what you taught, and how they felt.
- Draw or paste a picture (optional).

**Reflect:** How did it make you feel? Why is education important for everyone?

**Activity 2 - Soil Superhero: Make Your Own Manure**

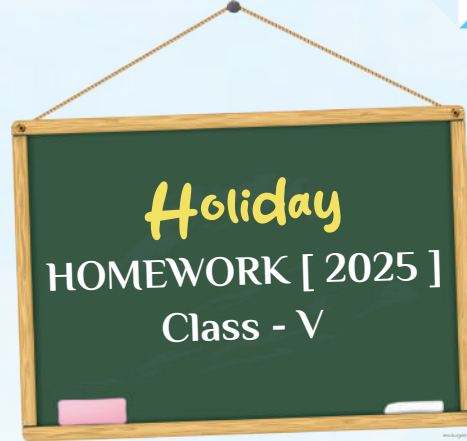
**Instructions for Students:**

- Take a small bucket or earthen pot.
- Add fruit and vegetable peels, dry leaves, and little used tea or coffee grounds.
- Cover it with some soil and let it rest for 10–15 days.
- After it breaks down, use it as natural manure for plants near your home, building, or school garden (with adult supervision).

**What to Submit:**

- Draw or click pictures showing the steps
- Write what materials you used





- Mention how this organic compost helps the soil and plants

**You can include:**

- What is biodegradable waste?
- Why should we avoid chemical fertilizers?
- How composting helps reduce waste?



**Activity 3 — Collage for a Cause**

**Instructions for Students:**

Choose any one social or environmental issue that matters to you. (Examples: saving water, helping stray animals, avoiding plastic, cleanliness, saving electricity).

Create a collage using pictures cut from newspapers, magazines, or hand-drawn visuals.

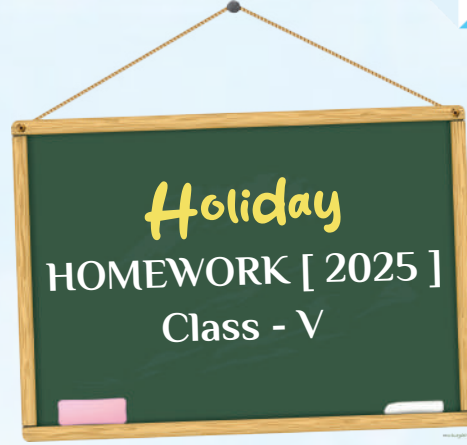
**Your collage should include:**

At least 4–5 relevant pictures or drawings

A short and catchy slogan/message (like “Say No to Plastic!”)

Two facts about the issue — why it is important

**Write a short paragraph (4–5 lines) explaining how your small actions can help solve this problem.**



### **Computer :-**

Creating a Power Point Presentation on the theme “Small Hands, Big Impact” is a fantastic way to explore how seemingly minor actions can lead to significant outcomes.

**Assignment Title:** Creating a PowerPoint Presentation: "Small Hands, Big Impact"

**Task:** Students will create a 10-12 slide PowerPoint presentation exploring the concept of "Small Hands, Big Impact." The presentation should include real-world examples, clear explanations, and visually appealing slides to convey how seemingly insignificant actions, details, or factors can have substantial and far-reaching consequences.

### **Key Components of the Presentation:**

(Slide 1: Title Slide)

(Slide 2: Introduction - Why Small Efforts Matter)

(Slide 3: Saving Energy at Home)

(Slide 4: Conserving Water Wisely)

(Slide 5: Reducing Waste - The 3 Rs)

(Slide 6: Sustainable Transportation Choices)

(Slide 7: Being Mindful in Nature)

(Slide 8: Conclusion - Our Responsibility)

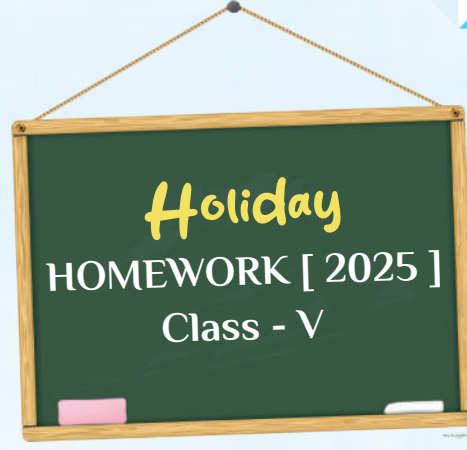
### **Submission Instructions:**

- Save your presentation as a .pptx file.
- Submit your file through the designated online platform or as instructed by your teacher.

Sanskrit :-







## 1. “संस्कृत शब्दकोश”

प्रिय बच्चों

किसी भी वाक्य को बनाने के लिए क्रिया अत्यधिक महत्वपूर्ण होती है। इसी को ध्यान में रखते हुए विद्यार्थी गृहकार्य में संस्कृत के क्रिया शब्दों (10 -15 शब्द) को याद करके एक संस्कृत का शब्दकोश बनायेंगे। इसके लिए अपनी इच्छानुसार कुछ पृष्ठों को लेकर उन्हें चार बराबर भागों में बाटेंगे जिससे एक पृष्ठ से चार छोटे पृष्ठ बन जायेंगे। इस तरह से पृष्ठ बनाकर उनपर धातु के शब्द लिखकर हिन्दी में उनका अर्थ लिखें। उपलब्ध सामग्री से कवर पृष्ठ भी सजाएं। सम्भावित उदाहरण नीचे दिया गया है।



## 2. “संस्कृत सूक्तियाँ”

प्रिय बच्चों

संस्कृत सूक्तियाँ ऐसे शब्द-समूह, वाक्य या अनुच्छेदों को कहते हैं जिसमें कोई बात सुन्दर ढंग से या बुद्धिमत्तापूर्ण तरीके से कही गयी हो। ऐसी कुछ सूक्तियों (जो आपके रोज के जीवन को प्रभावित कर सकती हैं) को अर्थ सहित ए-4 शीट पर लिखकर एक समुचित चित्रकला (collage) बनाएं। कुछ सूक्तियाँ उदाहरण स्वरूप नीचे दी गई हैं।

**लोभः पापस्य कारणम्।**  
अर्थ- लोभ ही पाप का कारण होता है।

**अभ्याससारिणी विद्या।**  
अर्थ- अभ्यास करने से ही विद्या आती है।

German holiday homework:-

Guten Tag!

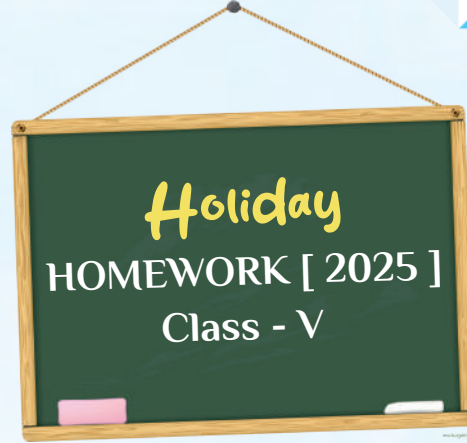
We want you to create a vibrant and creative wall hanging showcasing the names of the months or days in German. Follow these guidelines for an eye-catching display:

Instructions:

Design a colorful and visually appealing wall hanging featuring the names of the months or days in German.

Use bright and attractive sheets to enhance the presentation.

Feel free to add decorative elements to make your wall hanging more engaging.



Let your creativity shine!



### French :-

Bonjour tout le monde!!! Do you know how to speak French Alphabets or French Numbers. Let's learn what we call them in French.

We'd like you to create flashcards for the French alphabet (A-Z) or counting (1-20).

Instructions:

- Create flashcards with the French letter or number on one side with picture and word on the other.
- Review and practice regularly to reinforce your learning.

**Tips:**

- Use colorful pictures and fun designs to make your flashcards engaging.
- Practice reciting the alphabet or counting in French regularly.
- Share your flashcards with a family member or friend and quiz each other.

Bonnes vacances!(Have a good holiday!)



**Art & Craft :-** To engage students in a creative craft that highlights how even small hands can create beautiful and meaningful art, emphasizing creativity, fine and amazing skills they possess.

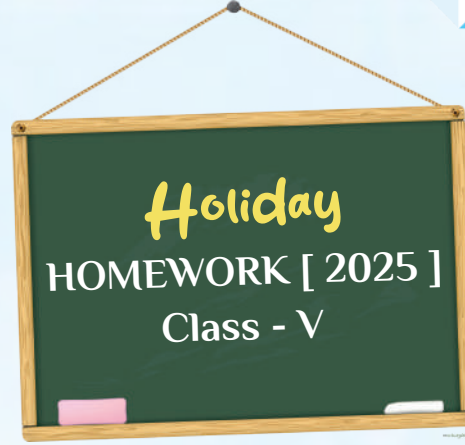
Refer to the images / link shared below & choose any one activity that attracts you .

**Activity 1-** Do any one traditional art on canvas size 12 x 16 Inches using acrylic colours.

**Material Required :-** 1) Canvas 2) Acrylic Colour







**Activity 2- Wall hangings** (<https://pin.it/35hAVU5WS>)

**Material Required :-**

1. Card board 2. Acrylic colours, Brush 3. Scissors , Fevicol 4. Thermacol balls 5. Green paper leaves

