



CLASS – VII

Summer Holiday Homework - A Journey of Learning and Fun 2025 – 2026



Dear Students & Parents,

As we have approached summer vacations, I wish you all a joyful and relaxing break with a quality family time. This much awaited break is also the time to recharge, pursue interests and create lasting memories with family and friends. This is the time to reflect on one's accomplishments and failures and also envision the exciting possibilities for the next part of the academic year.



Do engage in meaningful activities, prioritize physical and mental wellbeing and be grateful to almighty for all possible blessings you have in your life and have a lot of fun. Following is the holiday homework given to students, which has been creatively crafted by your mentors to keep you engaged with curious projects and assignments to make you ready for the year ahead, where you are refreshed to embrace new challenges.

Further we at KPS are grateful for the continued partnership and support of the parents as always shown.

Looking forward to see rejuvenated you on 1st July, 2025.

Wishing you a blissful summer vacations ahead!

Best Regards,

Dr Anju Mehrotra (Director / Principal)



Goal 7 is about ensuring access to renewable, clean and affordable energy, which is key to the development of agriculture, business, communications, education, healthcare and transportation. The lack of access to energy hinders economic and human development.



GENERAL INSTRUCTIONS:

- Homework must be done in a very neat and presentable manner. It will be assessed on the basis of neatness, handwriting, creativity, presentation and completion of all the questions & indexing of work. It will be part of internal assessment.
- Avoid cutting and overwriting.
- Creativity and Originality of work will be appreciated.
- Homework comprises of two parts.

PART-A SUBJECTIVE that includes assignment.

PART-B ART INTEGRATED PROJECT.

Read the instructions carefully under each Subject and submit it accordingly.

DATE OF SUBMISSION: 7TH JULY, 2025.

ENGLISH (101)

GENERAL INSTRUCTIONS:

THIS ASSIGNMENT IS DIVIDED INTO TWO PARTS:

- PART A contains a set of questions to be attempted in Grammar Notebook only.
- PART B must be done in a PROJECT FILE – IT HAS TO BE SUBMITTED IN A4 SIZED SHEETS IN A FILE.
- Being more sustainable without incurring extra costs.
- Add photos, drawings, stickers, and colours to make your project engaging.
- Neat handwriting, correct spellings, and creative effort will be appreciated.
- Do not copied from any source try to do it by your own.
- Submit your project by 07.07.25 positively.

PART A

1. Click the link or scan QR below for the Thinksheet.

https://drive.google.com/drive/folders/1PJ_XPOOsXxVOVUI9OHyxkiSa9WfpxGfS?usp=sharing



2. Learn and revise all the chapters.

3. Adjective Collage:

- Choose 1 family member or friend.
- Paste their photo (or draw) and surround it with at least 15 adjectives that describe their looks, personality, and behaviour.
- Example: kind, tall, cheerful, hardworking, funny.

4. Create a **Logo** of your favourite game and paste it in your notebook.

PART B

THEME: Sustainable Development Goal 7 – Affordable and Clean Energy

Project Title: “Power of Words, Power of Energy: Exploring Clean Energy through Language”

Cover page and Introduction: Create and decorate a cover page and write a short paragraph introducing the theme.



1. Reading & Vocabulary

- Read at least **one article, story, or news piece** about renewable energy (can be from a magazine, newspaper, or online source).
- **List 10 new words** you found, write their meanings, and use each in a sentence of your own.
- Reflect in 5–6 lines: *What did you learn from the reading?*

Let your Imagination explore, Read more:

Books by **SudhaMurty-**

Read any one of the following books and write the story in your own words. (100-150 words)

- The Magic of the Lot Temple
- The Runaway Clothes
- How I Taught My Grandmother to Read and Other Stories

2. Speaking Skills

Prepare a **2-minute speech** on any one of the following topics (Individual Task):

- *Why every home should switch to clean energy.*
- *How can students save electricity and promote energy conservation?*
- *Famous global personalities who advocate for sustainable energy.*

Be ready to present after the break. This will be a part of your ASL.

3. Writing Skill: Write a short story or an article titled “A Day Without Electricity”

Task: Compose a poem to promote the use of **clean and affordable energy**. Add an **English slogan** that rhymes!

Examples:

- “Switch to Solar, Be a Planet Scholar!”
- “Save a Watt, Save a Lot!”

हिंदी (085)

निर्देश -

- कार्य को सुंदर तरीके से करें।
- रंगीन पैन और सुंदर चित्रों द्वारा कवर पेज बनाइए।
- कवर पेज में नाम, अनुक्रमांक, कक्षा व अध्यापिका का नाम लिखें।

हिंदी संग ज्ञान यात्रा

भाग 1 एक झलक मेरी दुनिया की (मेरे मन की बात से)

पहले पृष्ठ के लिए रचनात्मक पत्रिका तैयार कीजिए। इसमें निम्नलिखित बिंदुओं को सुंदर चित्रों, रंगों और सुंदर लेखन के साथ प्रस्तुत करें। (स्क्रैब बुक में)





- अपना एक सुंदर चित्र बनाए या चिपकाइए।
- अपना परिचय ।
- पसंदीदा भोजन, खेल, अभिनेता, गतिविधियाँ ।
- प्रेरणादायक पंक्ति या स्लोगन ।

भाग 2 कहानी की छँव तले

हिंदी के प्रसिद्ध कथाकार मुंशी प्रेमचंद द्वारा रचित कहानी 'दो बैलों की कथा' कहानी को यू -ट्यूब , गूगल या पुस्तक की सहायता से पढ़ें व समझें और कहानी पढ़ने के बाद यह विश्लेषण कार्य करें। (कार्य स्कैन बुक में करें)



"कहानी में सीख है छिपी – चलो मिलकर करें खोजबीन"।

- i) कहानी को पढ़ें समझें और अपने शब्दों में (लगभग 120 शब्दों) में सारांश लिखें।
- ii) यदि कोई व्यक्ति कठिन परिस्थितियों में भी संयम बनाए रखता है, तो उसका जीवन किस तरह बेहतर हो सकता है?
- iii) इस कहानी का कौन - सा पात्र आपको सबसे अच्छा लगा और क्यों ?
- iv) बैलों के माध्यम से लेखक ने मनुष्यों को कौन-कौन से जीवन मूल्य सिखाने की कोशिश की है?
- v) कहानी का एक दृश्य संवादों (dialogues) के रूप में प्रस्तुत करें जैसे नाटक का कोई छोटा भाग।

भाग 3 (हर दिन एक विचार (सुलेख के साथ) एक सुंदर पत्रिका तैयार करिए। (20 सुविचार स्कैन बुक में)

हिंदी सुविचार, किसी महान व्यक्ति का कथन या दोहे को सुंदर अक्षरों में लिखें।

सुविचार से जुड़ा छोटा- सा चित्र भी बनाइए।(जैसे पेड़, सूरज, दीपक आदि)

भाग 4“ सजाओ अपने शब्दों की दुनिया”

(एक सी ध्वनि, अर्थ में अंतर)

- i) श्रुतिसम्भिन्नार्थक शब्दों को पहचानें, उनके अर्थ समझें और रचनात्मक तरीके से उनका वाक्य में प्रयोग कीजिए।(कार्य चार्ट में करें)

* 20 श्रुति सम्भिन्नार्थक शब्दों के युग्म (जैसे फल - फल, और - ओर) खोजें।

* उदाहरण के लिए

फल (फल = Fruit): मैं रोज़ फल खाता हूँ।

फल (फल = Result): मेहनत का फल मीठा होता है।

- ii) कुछ श्रुति सम्भिन्नार्थक शब्द चुनकर एक छोटी मज़ेदार कहानी (5-7 पंक्तियों में) लिखें जिसमें दोनों अर्थों का प्रयोग हों।



MATHS (041)

General instructions:

- All activities are compulsory.

Theme: "Powering the Future with Numbers: Maths in Clean and Affordable Energy"

Objective: To explore how mathematics plays a crucial role in understanding and promoting clean energy solutions, affordability, and sustainability

1. Design a Green Home (Geometry + Budgeting)

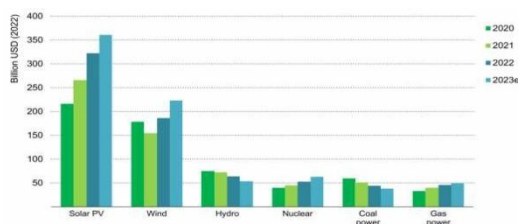
Activity:

- *Draw a plan of a small house using geometric shapes.
- *Mark where solar panels, water tanks, and green space would go.
- *Estimate the cost of installing solar panels and energy-saving lights using multiplication and addition.



Presentation Tips:

- *Use a scrapbook or folder.



The above graph showing the data from 2020-2023. You need to represent the current data.

- *Include drawings, graphs, and colorful tables.

2. FRACTION SUDOKU (Color + Fraction + Energy Source):

Yellow — $\frac{1}{4}$ = Solar Energy

Blue — $\frac{1}{2}$ = Wind Energy

Green — $\frac{3}{4}$ = Hydro Power

Brown — 1 = Bioenergy

Instructions:

1. Use the color-coded fractions to complete the grid.
2. Each row and column must include all 4 colors/fractions:
 $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, and 1
3. No repetition in rows or columns.
4. Match each color to its clean energy source.

PUZZLE GRID (Colored Cells)



$\frac{1}{2}$ (Wind)			$\frac{1}{4}$ (Solar)
	$\frac{3}{4}$ (Hydro)		
	$\frac{1}{2}$ (Wind)	$\frac{1}{4}$ (Solar)	

Fill in the missing cells using the 4 colored fractions.

- *Use coloring pencils or digital tools to shade each cell with the correct color based on the fraction.
- *Once the grid is complete, count how many times each energy source (color) appears.
- * Construct one sudoku with solution.

3.. "The Mystery Number Grid"

Instructions:

- *Use your knowledge of positive and negative integers to complete the puzzle grid.
- *Each row and column must add up to the total shown.
- *Write your answers clearly in the blank spaces.

Puzzle Grid:

	A	B	C	Row Sum
Row 1	-4	-----	9	10
Row 2	-----	-6	-----	-3
Row 3	7	-----	-5	8
Col Sum	-----	0	-----	

1. Fill in the missing numbers (_____) so that:

- * The sum of each row equals row sum .
 - *The sum of each column equals the Column Sum (fill in the ?).
2. Use only integers (positive and negative whole numbers).
- *Construct your own puzzle with answers.

4.To strengthen your concepts do practice the sums using the link given below or you can select the link and paste it on the Google.

<https://in.docworkspace.com/d/sIMb0wo-uApnI8EG?lg=en-US&sa=601.1074&ps=1&fn=practice%20sums.docx>



SCIENCE (086)

Theme :Sustainable Development Goal 7 (SDG 7), also known as "Affordable and Clean Energy."

Activity 1

Design a working or non-working model of a mode of transport (car, boat, bus, train, etc.) that uses a renewable source of energy.

Renewable Energy Sources to Choose From:

- Solar energy
- Wind energy
- Hydropower
- Human/mechanical energy (like pedal power)

IDEAS FOR TRANSPORT MODELS:

1. Solar-Powered Car – Use a solar panel to power a small motor.
2. Wind-Powered Boat – Create a sailboat using paper or cloth to show wind propulsion.
3. Pedal-Powered Bike – Use a rubber band or crank to show motion from human energy.
4. Water-Powered Boat – Use a balloon to simulate water propulsion or jet force.

Activity 2: (Do it in your notebook)

Record your family's electricity meter reading at the beginning and end of one week.

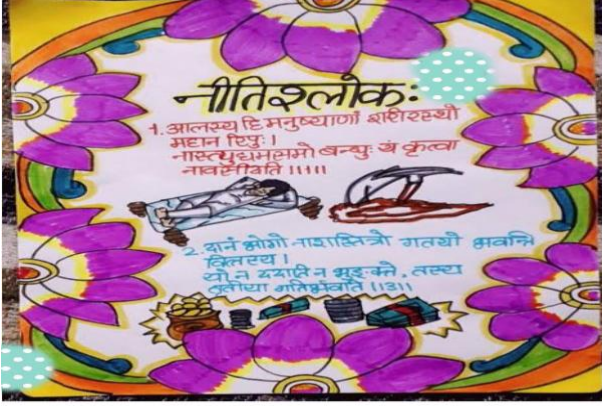
Calculate the total units used.

Suggest ways to reduce it next week.

SOCIAL SCIENCE

<p>I. Activity to be done on Sustainable Development Goal 7 (SDG7), also known as Affordable and Clean Energy.</p> <p>Students are required to design a creative poster with a slogan written on the theme: “Clean Energy for a Brighter Future.”</p> <p>The poster should highlight:</p> <ul style="list-style-type: none"> • Importance of clean energy. • Examples of affordable and sustainable energy sources (solar, wind, hydro). • A call to action for the community.
<p>II. Students can create a Historical Timeline of Energy Sources showing how humans have used different energy sources throughout history:</p> <ol style="list-style-type: none"> 1. Discovery of fire 2. Use of animal power 3. Watermills and windmills in ancient civilizations 4. Industrial Revolution (coal, steam) 5. Discovery of electricity 6. Modern renewable energy technologies <p>As guided by the teacher in class, students can highlight how energy needs and sources evolved with human development, they can paste images, and use their creativity on an A4-size sheet</p>
<p>III. “Equal hearts, Equal starts – Stand up, Speak out! Prepare a short report on an A4-sized sheet based on “My Role in Reducing Inequalities,” keeping the following points in mind:</p> <ol style="list-style-type: none"> 1. State which action of yours is most effective in challenging the inequality in society? 2. Emphasise what stops people from treating everyone equally?

उदाहरण:-



3. स्व-परिचय चित्र सहित

- विद्यार्थी एक पृष्ठ पर अपना चित्र चिपकाएँ।
- नीचे संस्कृत में अपना परिचय लिखें (5-10 पक्तियों में)।

उदाहरण:-

मम परिचयः

1. मम नाम..... अस्ति ।
2. मम पितुः नाम श्रीमान्..... अस्ति ।
3. मम मातुः नाम..... अस्ति ।

4. ऊर्जा बचाओ, प्रकृति सजाओ

छात्र "ऊर्जा की महत्ता" और बचत के तरीकों पर आधारित (50 से 100 शब्दों में) हिंदी में अनुच्छेद लिखें और उससे सम्बन्धित चित्र बनाएँ अथवा चिपकाएँ।



INFORMATION TECHNOLOGY (402)

1. SCRAPBOOK:

Identify the various devices (at least 10) used in your school or society that contribute to achieving SDG 7, Affordable and clean energy, include those that enhance energy efficiency, utilize renewable energy



sources, and improve energy access for underserved communities. Paste the pictures of such devices and also write brief description of it which includes its name, features/ characteristics, usage and the area where it is used and why? Do it in Scrapbook.

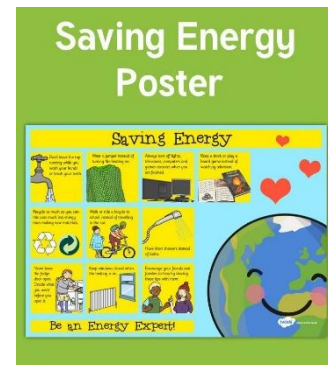


Poster with Energy-Saving Slogans:

Creation: Develop a visually appealing poster with slogans promoting energy conservation and the use of renewable energy.

Slogans: Incorporate slogans like "Save electricity and fuel!", "Save our planet!", and "Save the energy!".

Design: Use creative fonts, colours, and images to make the poster attention-grabbing.



PART – B

ART INTEGRATED PROJECTS

To be done Roll No. Wise

SUBJECT	ROLL NOS.
ENGLISH	1 – 12
HINDI	13 – 24
MATHS	25 – 36
SCIENCE	37 – 48

ENGLISH (101)

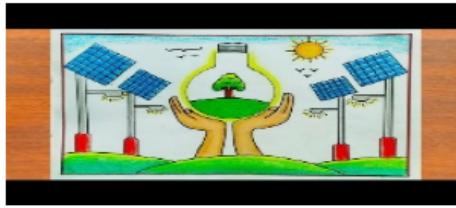
Integrated Extension Activity:

- Survey your family's **monthly electricity usage** (units consumed).
- Write a short **report** (5–6 sentences) on how you can reduce energy use and your contributions to achieve this goal.

HINDI (085)



विषय: "ऊर्जा संरक्षण: आज की आवश्यकता"



प्रश्न क) नीचे दिए गए विषयों में से किसी एक विषय पर पोस्टर व स्लोगन तैयार कीजिए।

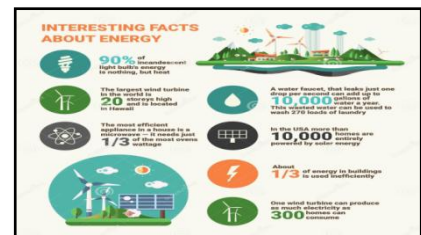
- i) सौर ऊर्जा – प्रकृति की शक्ति, भविष्य की सुरक्षा!"
- ii) बिजली बचाओ, सौर ऊर्जा अपनाओ!"
- iii) सूरज की रोशनी अपनाओ, धरती को बचाओ

प्रश्न ख) भारत में सौर ऊर्जा का प्रयोग किस किस तरह किया जा रहा है और पर्यावरण के लिए कितना लाभदायक है।। इस पर अपने परिवार से बातचीत कर एक सुंदर अनुच्छेद लिखें।

MATHS (041)

Design a creative poster titled: "Math Powers Clean Energy!"

Include key facts, data visuals (graphs, charts), and quick calculations to spread awareness.



SCIENCE (086)

"Create a storyboard or comic strip that creatively explains how special plants like the Pitcher Plant, Venus Flytrap, Cuscuta, and Mistletoe obtain their food. Use drawings, dialogues, and simple explanations to show their unique methods of nutrition."

Instructions for Students:

1. Choose any 2 or more of the following plants:
 - Pitcher Plant
 - Venus Flytrap
 - Cuscuta (Amarbel)
 - Mistletoe
2. Present their mode of nutrition:
 - Insectivorous or Parasitic
3. Include:
 - Clear drawings of the plants in action (trapping insects, attaching to host)
 - Speech bubbles or short captions showing what the plants "say" or "do"
 - At least 4–6 frames/panels in your comic/storyboard
4. You can use any colour paper, chart paper, or an A4 sheet for your storyboard
5. Be neat, creative, and informative!

