



KIIT WORLD SCHOOL

PITAMPURA, DELHI

Summer HOLIDAYS' HOMEWORK

Hope your summer is filled with **reading, writing,**
and most of all...**fun!**

Class VII



Kindly note: You are requested to submit your Holidays homework on 24 June 2024 between 8:00 am -1:00 pm to your respective CTs in school.

Class VII. Session 2024 - 25
Theme: Empowering Tomorrow

Hindi

विषय – आओ ! कल को सशक्त बनाएं ।

१. आज जैसा के मनुष्य अपने कर्तव्य और कर्म से विमुख होता जा रहा है। 'स्तकर्तव्य' कविता हमें सत्कर्म की भावना , देशहित को निज- हित से ऊपर रखना सिखाती है। 'स्तकर्तव्य' विषय पर एक अनुच्छेद सुन्दर अक्षरों में लिखिए । (यह कार्य A4 पर किया जाएगा)
२. अपने रचनात्मक कौशल का प्रयोग करते हुए क्रिया और उसके भेदों का एक सुन्दर मॉडल बनाइए। दिए गए लिंक केवल संदर्भ के लिए हैं।
<https://youtu.be/QgPNQQ5wuVI?si=LE7M4wRMvEWvnuK1>
<https://youtu.be/QgPNQQ5wuVI?si=aZ4MHelzWv0xEa9h>
३. 'रहस्यमयी साइबर मित्र' पाठ को आधार मानते हुए आज बढ़ते हुए साइबर क्राइम के बारे में जानकारी एकत्र कर केवल आठ से दस स्लाइड्स का प्रयोग करते हुए एक पाँवर पॉइंट प्रेजेंटेशन तैयार करें।
निर्देश :- पहली स्लाइड्स पर अपना परिचय जैसे अपना नाम , कक्षा , अनुक्रमांक तथा तिथि अवश्य लिखे । दूसरी स्लाइड्स पर विषय परिचय लिखे , इसी प्रकार स्लाइड्स का प्रयोग करते हुए विषय से संबंधित जानकारी दीजिए और अंत में निष्कर्ष और धन्यवाद अवश्य लिखे।
४. भारत देश भविष्य के लिए सौर ऊर्जा को महत्वपूर्ण मानते हुए बहुत सी योजनाएं बनाकर उस पर काम कर रहा है जिससे प्राकृतिक संसाधनों को भावी पीढ़ी के लिए सुरक्षित रखा जा सके । भारत द्वारा बनाई गई इन सभी योजनाओं को बताते हुए २ मिनट की वीडियो बनाइए और दिए गए लिंक पर 21 जून से पहले भेजिए । (वीडियो की शुरुआत अपना परिचय देते हुए करें, दिए गए विषय की पूर्ण जानकारी दें तथा एक प्रभावी निष्कर्ष के साथ वीडियो का समापन करें) वीडियो पोर्टल मोड में होनी चाहिए। वीडियो में छात्र का विद्यालय की समर यूनिफॉर्म में होना अनिवार्य है।

<https://drive.google.com/drive/foldersVED/1Jt5hGXTNrqVeDhZQgZ5SdtqIFKPybBKV>

English

Energy conservation is the effort to reduce wasteful energy consumption by using fewer energy services. This can be done by using energy more effectively by turning off the light when you leave the room, unplugging appliances when they're not in use and walking instead of driving for shorter distances. These are some examples of Energy Conservation.

TASK 1: You have the power to save the power.

1. Roll no. 1-10 -The Importance of Energy Conservation- Essay Writing

Write an essay (250-300 words) on A3 size sheet on why energy conservation is important for the environment and our future. Include examples of how you and your family can conserve energy at home. Make it visually attractive by making borders and adding pictures too.

2. Roll no. 11-20 - Energy Conservation in My Community- Interview project

Interview a family member, neighbour, or local business owner about their efforts to conserve energy. Record the video and upload it to the following drive link.

https://drive.google.com/drive/folders/17YnQ8FC5amvaOSZpiPh9kYOYhcN8eC6f?usp=drive_link

Last date of submission is 25 June.

3. Roll no. 21-30 - Innovative Energy-Saving Technologies-Scrapbook

Research innovative technologies that help conserve energy (e.g., smart thermostats, energy-efficient appliances). Create a scrapbook on Innovative Energy-Saving Technologies (10-15 pages) summarizing your findings, including images and key points.

4. Roll no. 31-42 - Energy Conservation Glossary

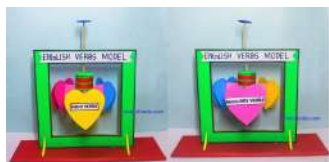
Create a glossary of 30 terms related to energy conservation (e.g., efficiency, renewable, carbon footprint). Write definitions in a small notebook and use each term in a sentence. Child with the best bibliography will conduct a quiz based on the same when school reopens and will be awarded with a certificate of recognition.

TASK 2: 3D Model

Make a 3D working model on the given topic as per your roll number. You can use YouTube and google for reference.

Best model will be awarded with a certificate of recognition.

1. Roll No. 1-10 Modals



2. Roll No. 11-20 Tenses



3. Roll No. 21- 30 Prepositions



4. Roll No. 31-42 Articles



Use your creativity and imagination to make something unique and different.

Materials to be used:

Canvas, Cardboard, Chart papers, Clay dough, Colors, Sketch pens etc.

TASK 3: DESIGNING MY OWN MAGAZINE

Read the April and May editions of **Primary Plus Magazine**. Taking inspiration and ideas from it, create your own magazine on A4 coloured sheets on the topic ENERGY CONSERVATION. Give it a creative name.

The magazine should be of 16 pages (both sides included)

Here are some ideas for different sections and content to include in the magazine:

1. Cover Page

- Title
- Featured Image: A vibrant illustration or photo related to energy conservation (e.g., solar panels, wind turbines, or an eco-friendly home).
- Highlights: Key articles or features inside the magazine, such as "Top 10 Energy-Saving Tips" or "Interview with an Eco-Warrior".

2. Editorial

- Welcome Note: A message from the editor explaining the purpose of the magazine and the importance of energy conservation.
- Editorial Team: List of contributors and their roles.

3. Feature Articles

- "The Power of Renewable Energy": An in-depth article about different types of renewable energy sources and their benefits.
- "Energy Conservation at Home": Practical tips for reducing energy consumption in daily life.
- "Innovations in Energy Efficiency": A look at the latest technologies and inventions that help conserve energy.

4. Interviews

- "Voices of Change": Interviews with local environmentalists, energy experts, or community leaders who are making a difference in energy conservation.
- "Student Spotlight": Interviews with students who have undertaken projects or initiatives to save energy.

5. Creative Corner

- "Green Poems": A collection of poems written by students about energy conservation and the environment.
- "Eco-Short Stories": Short stories with themes of energy saving and environmental protection.
- "Comics and Cartoons": Illustrated comics featuring characters promoting energy-saving habits.

6. Fun and Games

- "Energy Crossword": A crossword puzzle with clues related to energy and conservation.
- "Eco-Quiz": A quiz to test readers' knowledge about energy conservation.
- "Spot the Difference": An activity page with two images, where readers find differences related to energy use (e.g., one image shows lights off, the other shows them on).

7. Profiles and Case Studies

- "Eco-Friendly Schools": Profiles of schools that have implemented successful energy-saving measures.
- "Case Study: A Solar-Powered Community": Detailed look at a community or neighbourhood

that has adopted solar energy.

8. Tips and Advice

- "Top 10 Energy-Saving Tips": Practical advice for readers to reduce their energy consumption.
- "Seasonal Energy-Saving Tips": Tips specific to different seasons, such as keeping homes cool in summer and warm in winter efficiently.

9. News and Updates

- "Energy News": Latest news articles related to energy conservation, policies, and innovations.
- "Upcoming Events": Information on upcoming events like Earth Day activities, energy fairs, and environmental workshops.

10. Advertisements

- "Green Products": Ads for eco-friendly products and services, such as energy-efficient appliances or solar panel companies.
- "Community Initiatives": Ads promoting local initiatives or programs focused on energy conservation.

11. Back Cover

- Inspirational Quote: An inspiring quote about energy conservation or environmental stewardship.
- Next Issue Preview: A sneak peek at what's coming in the next issue.

NOTE: Avoid lifting content from search engines. Add your original touch. The best magazine will be displayed in the school library or find its place at reception and the child will be awarded with a certificate of recognition.

Mathematics

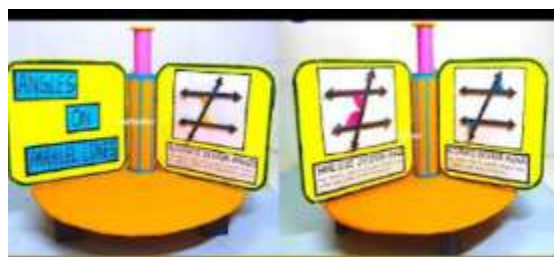
TASK -1 Model making on parallel lines

Make a model showcasing the properties of parallel lines.

Odd roll numbers - Alternate angles, interior angles

Even Roll number - Corresponding angles

Refer to the link - <https://youtu.be/yC2J1GkL09U?si=O-KxM-9U8WYTIKep>



TASK -2 Make 3D nets pop-ups on a Mount board very creatively using the reference links -

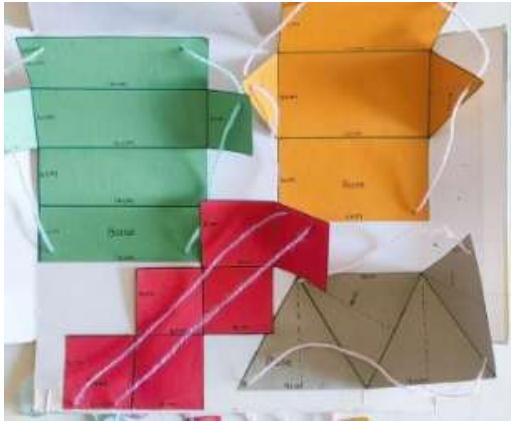
https://youtu.be/88t0fESJnD0?si=P0Qv_Cd20P5FMXrd

<https://youtu.be/8mXQo7Qv-7k?feature=shared>

1. Cube, cuboid, prism.(Roll no 1-10)

2. Pyramid, cylinder, cone(Roll 11-20)

3. Pyramid and prism (Roll 21- onwards)



TASK-3 : (To be done by all): Design a face mask of your superhero (who saves energy)[example- aquaman, electroman] using the concept of symmetry. Also draw the line of symmetry on your mask. The best mask gets a chance to win a recognition certificate.



TASK 4-

Prepare a mini notebook for solving AQAD(A question a day) to brush your competency based skills. It is to be done for 10 days(ie. 10 Questions to be solved)

During the holiday break, visit the CBSE (Central Board of Secondary Education) website daily to access the "Question of the Day" posted on the mathematics section. By engaging with these daily

math challenges, you will have the opportunity to enhance your mathematics problem-solving skills and prepare a mini notebook to solve the questions regularly from the given website.

Links:

<https://www.aqad.in/index.php?class=8&language=en>

<https://aqadcbse.mindspark.in/index.php?class=8&language=en>

Science

Task 1- Eco- Vlog



"Climate change is a pressing global challenge that demands urgent action. Transitioning to clean energy sources is not just an option; it's a necessity for a sustainable future."

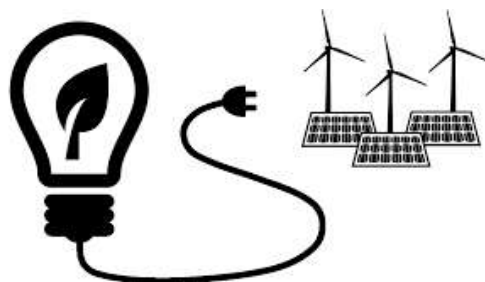
Delve into the pivotal role of clean energy in combating climate change by recording a Vlog to spread awareness among the people and sensitize them to bring a remarkable difference in the climatic conditions by adopting some ways to use clean energy.

INSTRUCTIONS:

1. The vlog should not exceed the time limit of 2-3 minutes.
2. The video should be shot only in landscape mode.
3. The video will be uploaded in the following drive link :-
https://drive.google.com/drive/folders/1UtzJstyKt4y4V_WqCe0kJAnR_CT7m4vk
4. Keep the name of the file as : FULL NAME_CLASS & SECTION
5. Use editing softwares to make the video attractive and eye-catching.
6. Add background music/ pictures/ subtitles and text to make the video more informative.
7. Showcase your vocabulary, confidence and research on the topic by choosing relevant yet interesting content for your video.

Task 2 - Solutions of global warming

Global warming and clean energy are deeply intertwined. Transitioning to clean energy sources like solar and wind power is crucial for mitigating global warming by reducing greenhouse gas emissions. Investing in clean energy technologies not only helps combat climate change but also fosters sustainable economic growth and improves public health by reducing air pollution. Embracing clean energy is a vital step towards a healthier, more sustainable future for our planet.



Make a project on human activities contributing to global warming and the ways in which clean

energy controls this threat to the environment.

Instructions- The project will be made on white A3 size sheets, tied together with a ribbon/ sutli. (NO PLASTIC FOLDERS). The project limit is 5 sheets (not more than that).

LAYOUT OF THE PROJECT WILL BE AS FOLLOWS:

- a) Cover page
- b) Index
- c) Introduction to global warming and clean energy
- d) How do humans contribute to global warming?
- e) Ways in which clean energy controls this threat to the environment.
- f) Real life evidence in the form of pictures and case studies to showcase the link between clean energy in eradicating global warming.
- g) Add survey, interviews and data analysis conducted by you related to the theme (with evidences)

NOTE- The project must contain less text and more pictures. Add illustrations, animations and doodles wherever required.

Task 3- Model on alternative sources of energy

Renewable and nonrenewable energy sources are the two main categories that power our world. Renewable energy sources, such as solar, wind, hydroelectric, etc., are derived from natural processes that are constantly replenished. These sources offer sustainable alternatives to fossil fuels and have minimal environmental impact, making them essential in combating climate change.

Prepare a 3D model depicting the use of any sustainable source of energy (green energy) for example wind energy, hydropower or use solar panels to prepare any working model (as solar energy is a clean and renewable source of energy.)

Instructions:

- a. The model should be attractive, innovative and well-labelled.
- b. Use eco-friendly material to prepare the model. The use of thermocol, plastics or any hazardous material should be avoided.
- c. Prepare your model using your own creativity and ideas, ready-made projects should not be presented.

Reference:

1. https://youtube.com/playlist?list=PLperP_3I53ooKOuvYj1zglq1JWYujAZCW&feature=shared
2. <https://youtu.be/U62Pxi4pkUA?feature=shared>

Social Science

Task -1 Miniature Marvels Exhibition

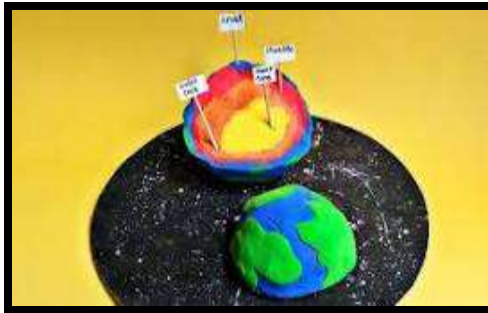
Theme : "The core of Knowledge"

Roll no. 1- 10: Playdough Model:

General Instructions:

1. Use different colours of playdough to represent each layer of the Earth. Roll out a large ball for the outer layer (crust), a thicker layer for the mantle, and smaller balls for the outer and inner core.
2. You can label each layer and use toothpicks or straws to show the different boundaries.
3. Use eco friendly reusable material to make your model on structure of Earth

Reference images

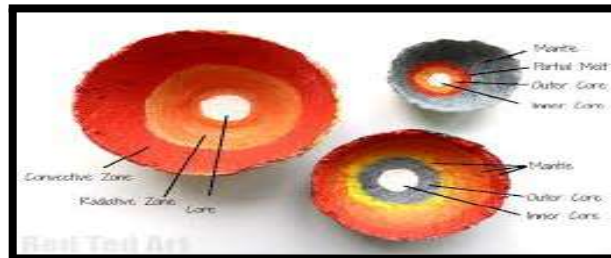


Roll no. 11-20 :Recycled Material Model:

General Instructions:

1. Create a model on different layers of Earth using recycled materials such as cardboard, newspaper, and plastic bottles.
2. You can cut and stack the materials to represent the layers of the Earth and decorate the model with paint or markers.

Reference image



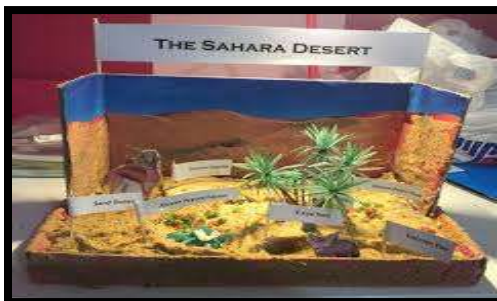
Theme : "Echoes of the Deserts"

Roll no. 21-30 : Sun and Sky:

General Instructions:

1. Use colored paper or paint to create a backdrop representing the vast desert sky with the sun casting shadows over the landscape.
2. Label different parts of your model to educate viewers about the Sahara Desert's geography, climate and unique features.
3. Highlight key features such as sand dunes, mountain ranges, and geographic landmarks. You can also add labels and legends to provide additional information.

Reference images



31 onwards: Marmot Burrow Scene:

General Instructions:

1. Create a miniature 3D scene featuring a marmot burrow surrounded by rocky terrain.
2. Use blue-tinted resin or watercolor to represent the river's flow and sculpt clay or foam to create the surrounding riverbanks and natural vegetation and wildlife.
3. Add miniature bridges, boats, and wildlife to illustrate the importance of the river ecosystem.

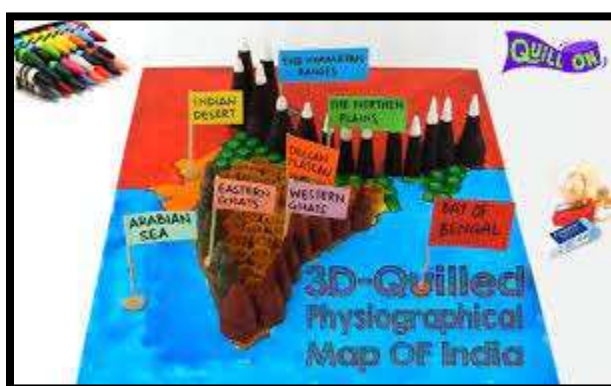
4. Include realistic details of marmots, known for their presence in Ladakh's landscape.

Reference images



Task -2 Interactive Map Display

Create an interactive map display board featuring a large map of India (A3 size map) divided into states and Union territories. Attach movable labels with the name of each region and use color coding to distinguish between states and union territories. Include additional information such as capital cities, population and major landmarks.



Task -3 Read out Aloud

"The Power of Voice"

General Instructions:

1. Shoot a video using a variety of props to express your thoughts and views on the following assigned topic according to your Roll No.
2. Video should not exceed more than 2-3 mins.
3. The video should be captured in horizontal mode only and the dialogue should be only in english. You can also add transitions and music.

Roll no. 1-10 : Importance of elections

Roll no. 11-20 : Why is there a need for Universal Adult Franchise?

Roll no. 21-30 : What qualities would you like your political leaders to have?

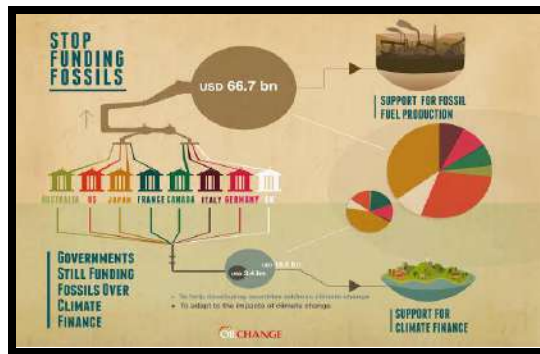
Roll no. 31 onwards: Why is democracy called ' A Government of the people, by the people, for the people'?

Task -4 Artistic Inspirations

" Exploring Fossil Fuels: Powering the Past, Present and Future"

General Instructions:

1. Design a poster in the school art file and showcase through infographics about fossil fuels and their importance for energy production.
2. Draw the images of fossil fuels like coal, oil and natural gas.
3. Create a section highlighting the role of fossil fuels in climate change.
4. Use bright colours and bold fonts and engaging visuals to capture attention.



Art & craft- (To be done in art book)

1. Ch.1 Line Elements (Leaf Pattern) Page no.3
2. Ch.2 Line Elements (Nature) Page no.4
3. Ch.3 Line Elements (Folk Art) Page no.6
4. Ch.28 Vegetable Printing (Eco-Friendly Handbag) Page no.36

