

Happy Holidays

**CARMEL CONVENT SCHOOL JAMMU
ART INTEGRATED ACTIVITIES
(SDG Goal -7)
CLASS: VII SESSION: 2024 - 25**

Every step you take towards your goals, even during the holidays, is a step closer to your dreams. Use this time to challenge yourself and unleash your full potential.

Believe in yourself and your ability to conquer any task, big or small.


Embrace the opportunity to learn and grow, even during the holiday season. Set your sights high, and let your holiday homework be a stepping stone to greatness.

Stay focused, stay determined, and make these holidays count.

You have the power to turn your holiday homework into a masterpiece. Go for it."



SUBJECT: ENGLISH

- 1. To explore how symbols are used in literature to convey meanings**
 - 2. Choose a scene or character from a book you've read**
 - Create a visual representation of the scene or character through drawing, painting, or digital art.**
 - Write a short descriptive paragraph explaining your artistic choices and how they reflect the themes or emotions of the story.**
 - 3. Find different symbols and signs used for HOPE in different parts of world**
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SUBJECT: HINDI

पवन या वायुऊजार्जा - हवा के
गर्त के
कारण

उत्पन्न
होनेवाली
ऊजार्जाही

पवन ऊजार्जा कहलाती है । इसे पवन चक्की द्वारा प्राप्त किया
जाता है । ये

सभी जगह उपलब्ध होती है और प्रदूषण र राहत होती है ।
गति ध निर्देश-

1. बच्चे पवन ऊजार्जाके महत्व को समझनेके लिए कागज
की

पवनचक्की का मॉडल बनाएंगे ।

2. बच्चे अपनी पवन चक्की की सहायता से "ऊर्जा बिचाओ"
पर विता

प्रस्तुत करेंगे ।

"ऊर्जा है पृथ्वी पर सभ्यता का मूल ,इसकी बचत करना न
जाना भूल ।"



SUBJECT: MATHEMATICS

To make graph how different components affect the behaviour of the circuit

Energy Consumption Calculation

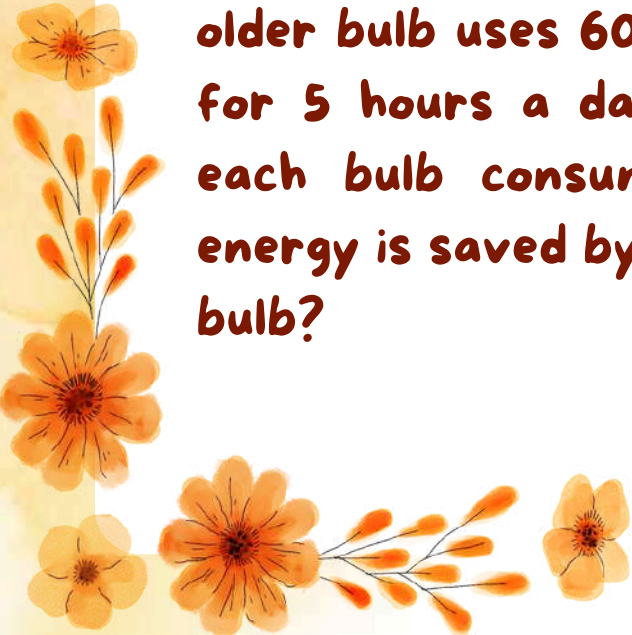
Question: A household uses 5 kWh (kilowatt-hours) of electricity every day. Calculate the total electricity consumption in a month (30 days).

2. Cost of Electricity

Question: If the cost of electricity is \$0.10 per kWh, how much will the household pay for their monthly electricity usage?

3. Energy Efficiency

Question: A new energy-efficient light bulb uses 10 watts (W) of power, whereas an older bulb uses 60 W. If both bulbs are used for 5 hours a day, how much energy does each bulb consume in a day? How much energy is saved by using the energy-efficient bulb?






4. Solar Panel Output

Question: A solar panel produces 250 W of power. How much energy will it produce if it receives 8 hours of sunlight in a day?

5. Comparison of Energy Sources

Question: A wind turbine generates 4 MWh (megawatt-hours) of energy in a month. A similar solar panel setup generates 3 MWh in the same time. How much more energy does the wind turbine generate compared to the solar panels?





SUBJECT: SCIENCE

-Prepare a model of symbols of electric current

1. How does the arrangement of components in a series circuit differ from that in a parallel circuit, and what are the implications for the flow of electricity?

2. What role do resistors play in electric circuits, and how do their properties affect the behaviour of the circuit?

3. Why is it important to understand the concept of voltage and current when working with electric circuits, and how are they related?

4 Investigate the relationship between resistance and temperature in conductive materials.

5 Analyze the impact of using renewable energy sources, such as solar panels or wind turbines, on the design and operation of electric circuits in residential or industrial settings.

Do all the science homework in A4 size sheet






SUBJECT: SOCIALSCIENCE

1. Investigate how the invention of electric circuit revolutionized industry during industrial revolution

2. Explore a historical event or cultural tradition from a region studied in class.

- Create an art project inspired by the historical event or tradition, incorporating symbols, imagery, or artifacts.**

- Write a narrative accompanying your artwork, describing the significance of the event or tradition and its impact on society.**





SUBJECT: PHE

Do regular yoga Asana like- Tree Pose, Tad Asana, Triangle Pose, Cobra Pose and Banana Pose

Breathing exercises .

Draw or paste 5 pictures of Yoga asana and healthy food on A4 sheet and write 3 lines on it.

Game .

Cricket ,football and kho kho

Rule and regulations.

Write in file (do any one game)





SUBJECT: MUSIC

**Draw and label any one instrument-
Guitar/Tabla/Harmonium/Sitar.**

**Write life sketch and contribution of any
Indian Musician.**

Learn and write one patriotic song.





SUBJECT: ART AND CRAFT

Jute craft

Wall hanging

SUBJECT: COMPUTER

1. Convert the following Decimal numbers into Binary numbers:

a) 68 b) 987 c) 657 d) 125 e) 321

2. Convert the following Binary numbers into Decimal numbers:

a) 1011 b) 100110 c) 10101 d) 11101 e) 100010

3. Perform Binary addition on the following:

a) 10101 + 00111 b) 1001101 + 1000101101

c) 1101 + 1001. d) 100011 + 001111

e) 111111 + 0001111

4. Perform Binary subtraction on the following:

a) 1111 - 1011 b) 110011 - 11101

c) 10011 - 01010. d) 11001001 - 01100110

e) 111 - 001



SUBJECT: URDU

سبق ۱، ۲، ۳، ۴، ۵، کو اچھے سے پڑھنا ہے اور یاد-۱
کرنے ہے۔

نظم خدا کی تعریف (یا) نصیحتیں زبانی یاد-۲
کرنی ہے۔

اردو کی کاپی پر دس واحد جمع دس مزکر-۳
مونث اور دس

متضاد الفاظ لکھنے ہیں

جملوں کی پریکٹس کرن -۴

SUBJECT: General Knowledge

1. Cut and paste at least 2 news weekly in a scrap file under the column :

a. National News

b. International New

2. Note down the maximum and minimum temperature of 1 month , highlight the day with maximum temperature and minimum temperature (Weekly)



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Solve the worksheet on A4 sheets

Q1. What is the capital city of France?

Q2. Which African country is very famous for chocolate?

Q3. What are the four metropolitan cities of India?

Q4. Who was the first Indian woman to climb Mount Everest?

Q5. Char Minar is located in which city?



Q6. Which is the largest state of India?

Q7. Who was the First President of the United States?

Q8. Which state of India has the longest coastline?

Q9. Which continent has the highest population density?

Q10. Which organ performs blood purification in the human body?

Q11. What disease is caused by vitamin B deficiency?

Q12. What is the name of the acid found in lemons?

Identify and Describe



