



WINTER HOLIDAY

HOME WORK

CLASS VIII

SESSION: 2024-2025

STUDENT NAME: _____

ROLL NO: _____

Winter Vacation is probably the best time of the year for you all; it's time for loads of fun, though we can't go out but getting pampered to no end and of course bonding with distant cousins can be done virtually.

School is fun too, with learning happening at all times, Winter vacation can also be a time for learning with lots of activities around.

Here are a few tasks for you to complete during the vacation. Do remember to complete the given tasks after reading them carefully.

Some Tips to make this holiday special:

- Have a family dinner every day of the holidays.
- Play board games with your parent sand sibling sana snow them who is the smartest.

Spend some quality time with an elderly person in the family



Some useful tips for winter vacation

Do's

- ❖ Eat a nutritious diet with plenty of water. Include citrus fruits
- ❖ (orange, lemon, grapefruit) and vegetables which are rich in vitamin C, vitamin D containing foods (cheese, egg yolks) and zinc-containing foods (legumes, lentils, beans, and nuts).
- ❖ Wash your hands frequently, always with soap and water for at least 20 seconds or frequently use alcohol-based hand rub.
- ❖ Wear warm clothes.
- ❖ Protect yourself and others.
- ❖ Be a leader in keeping yourself, your school, family and community healthy.
- ❖ Cough and sneeze into a tissue or your elbow and avoid touching your face, eyes, mouth and nose.
- ❖ Share what you learn about preventing disease with your
- ❖ Family and friends, especially with younger children.



Don'ts:

- ❖ Do not share cups, eating, utensils, food or drinks with others.
- ❖ Do not have close contacts with a sick person.
- ❖ Do not participate in large gatherings.
- ❖ Do not touch your face, nose and eyes without washing hands.
- ❖ Don't dirty your place of living.
- ❖ Don't have junk food.
- ❖ Don't watch too much TV.
- ❖ Don't waste time being lazy.



CLASS-VIII

WINTER HOLIDAY HOMEWORK

MATHS

* Do all the work into class work note book.

Writing

1. Write quotient and remainder and verify the result
 $6x^3 + x^2 - 9x + 10$ by $3x + 5$
2. Find the product of
 $(2x^2 + 3x - 5)$ by $(3x^2 - 5x + 4)$.
3. Factorise the expression
 $16m^3 - 24m^2 + 44m$
4. Two numbers are in the ratio of 8 : 3 if the sum of number is 143 find the numbers.
5. Two pipes can fill the tank in 10 hours and 12 hours respectively while third pipe can empty the tank in 20 hours if all the three pipes are open simultaneously then in how much time will the tank be filled

Learning

1. Learn square and Cube of the numbers 1 to 30.
2. Learn tables 2 to 20
3. Learn formulas given on page no 219

Project

1. Prove that the area of rhombus is equal to half the product of its diagonals with the help of chart paper, pen, scale, scissors.
2. Collect the data of blood group of at-least 10-20 families people to get a good range of data and make the table and represent it through a pie chart.

SCIENCE

Writing

1. List three things you will do during earthquake
2. Differentiate between conductors and insulators giving examples
3. Write any three applications of electrolysis
4. Differentiate between comets and asteroids
5. Explain the faces of the Moon with the help of a labelled diagram

Learning

1. Some outdoor and indoor precautions to be taken during earthquake
2. Three measures that can be taken against earthquake while constructing houses
3. What do you understand by the term Galaxy
4. What are artificial satellites how are they useful to mankind
5. Give any two points of difference between planets and stars

PROJECT

Conduct a science-related survey to gather opinions, preferences, or

data from friends, or family. Analyse and present the results using tables, Graph and a short conclusion.

Environmental Awareness:

Opinions on recycling, reducing plastic use, or conserving water.

Design the Survey Questions

Create simple, focused questions to collect useful data. Use a mix of multiple-choice, yes/no, and short answer questions.

Example for "Environmental Awareness"

Do you recycle at home? (Yes/No)

How often do you use reusable bags? (Always/Sometimes/Never)

3. Which of these is most harmful to the environment? (Plastic waste, Air pollution, Deforestation)

4. What do you think is the most effective way to reduce pollution? (Short answer)

Organise responses in a table.

SOCIAL STUDIES

A- Answer the following questions

- 1- What are the causes behind inequality of the people in India?
- 2- What is PIL?
- 3- Define a public sector enterprise.
- 4- List the factors that determine the growth of food crops.
- 5- What was the 'Nai Talim' of Mahatma Gandhi? Explain briefly.
- 6- On what grounds was Nana Sahib denied the pension of his father?
- 7- What kind of agrarian reforms have been undertaken in India to improve agriculture post independence?
- 8- What is the primary function of the Indian judiciary?
- 9- What were the recommendations made by the Wood's despatch?
- 10- What were the various aspects that the green revolution focuses on?

Note*:- All the Questions students will do in class work copy of SST

B- Learn and Revise Questions and Answers of Unit-5,6,7 chapters of (History, Civics, Geography)

C- Project work:- (To be complete in Milky Project file separately)

UNDERSTANDING POVERTY

FIELD WORK-Group wise

Select some villages/towns and find out their food habits.

MAP

Locate some places states in African continent and compare its currency values and food products.

Ex- Sahara desert area

COLLECT INFORMATION

- Collect the information from your villages towns the set of people lying under below poverty line and above poverty line.

COMPUTER

Written work:-

- Q1-Write the short note on Visual basic.
- Q2-Write the name and functions of at least five controls available in tool box.
- Q3-Explain any five components of project explorer window.
- Q4-Explain the multiline property of text box control.
- Q5-What do you mean by command button?
- Q6-What is function of Msg command? Give an example.
- Q7-What do you mean by variable?Give a example.
- Q8-What do you mean by operator? Explain the different types of operators.
- Q9-Explain the looping concept.
- Q10-Name and define types of separator..

Learning work

- 1-PT-3 syllabus
- 2- learn Ex.work of ch-9,10

Project work:-

- 1-Make a chart for IT personality of India and also paste his photos.
- 2-Design a form of the following type:-
Enter your name
Enter Date of Birth

ART

Q1.Make a Sketch of Famous Personality of India.

Project.

Q.2 .Make a 3D New Year Cards.

HINDI

लिखित कार्य

- 1-पत्र लेखन -पुस्तकालय में हिंदी की पुस्तक मंगवाने हेतु प्रधानाचार्य को पत्र लिखिए
- 2-अनुच्छेद लेखन-सादा जीवन उच्च विचार प्रकरण पर अनुच्छेद लेखन लिखिए
- 3-निबंध लेखन-पर्यावरण संरक्षण अथवा विज्ञान वरदान एवं अभिशापप्रकरण पर निबंध लिखिए
- 4--निम्नलिखित शब्दों के पर्यायवाची याद करें-
लड़का सूर्य पिता धरती आकाश नदी कमल आग मित्र भाई कपड़ा

Learning works –

- 1-क्रिया किसे कहते हैं तथा कितने प्रकार की होती है
- 2-कल किसे कहते हैं तथा कितने प्रकार के होते हैं
- 3-वाक्य किसे कहते हैं तथा कितने प्रकार के होते हैं
- 4-मधुर के स्कूल में किस के विषय में चर्चा हो रही थी?
- 5-भोलाराम की पत्नी ने दूसरी स्त्री की बात सुनकर नारद मुनि से क्या कहा?
- 6-लेखक के अनुसार हम कैसे लोगों को मित्र नहीं कह सकते?

7-क्रिया किसे कहते हैं? कर्म के आधार पर शब्द कितने प्रकार के होते हैं, नाम लिखिए?

8-कवि अपना तन किसकी सेवा में लगाना चाहता है?

9-विशेषण तथा विशेष में अंतर स्पष्ट कीजिए।?

10- नारद मुनि को बड़े साहब से मिलने की सलाह किसने और क्यों दी??

रचनात्मक कार्य -

1- प्रकृति विषय पर विभिन्न पत्र पत्रिकाओं से संचित चित्र संकलित कर एल्बम बनाया प्रत्येक चित्र में होने वाली क्रिया भी लिखिए जैसे उड़ते पक्षी बहता झरना

अथवा

2- किसी भी एक प्रदेश की जानकारी देते हुए चित्र चिपकाकर फाइल बनाया उसके शीश उसका शीर्षक भी लिखिए

ENGLISH

A- Answer the following questions: -

1. List the advantages and disadvantages of using social media?
2. What steps would you take to control use of gadgets like smart phones and computers?
3. What is cyberbullying? How do people become it's victims?
4. What health hazards does social media addiction result in?
5. How is our privacy under threat when we engage in online activities?
6. Write the synonyms of harmful, tired, progress, flawless, strange, addiction, compassion, dangerous (refer pg no. 145 of your text book)
7. Write first 20 Idiomatic Expressions (mentioned on Pg. No. 192) and make sentences out of these expressions after writing it's meanings.
8. Write first fifteen Words often confused (mention on pg. No. 188 of your Simple English Grammar book) . Make sentences out of Words often confused after writing their meanings.
9. Write an Essay on "Sources of Happiness".
10. Write a paragraph on "Importance of Education"

Note*:- Q. No. 1-5 Students will do in class work copy of English I and Q. No. 6-10 Students will do in class work copy of English II.

B- Learn and Revise Questions and Answers of Unit-6 Prejudice.

C- Project work:- (To be complete in Milky Project file separately)

In group of two or more, discuss how you would plan and conduct a charity drive for a cause you believe in.

Before you begin, think about the following questions:

1. Which cause would you want to support? Is it animal welfare, poverty, illiteracy, environment conservation or starvation?
2. How can you contribute to the cause-by raising awareness, raising funds or volunteering your services?

3. Which organisations are already working in the field and what kind of work are they doing? Has there been an improvement in the situation?

Once you have collected information on the above questions, make a power point presentation to the class and take out the print out of the slides. Talk about:

1. Which cause would you support? Find facts and figures to present the current scenario.
2. Give reasons for your choice. Paste some pictures related to it.
3. How would you contribute?
4. How do you think your services would help?
5. Which organisations are already working in the field and have they been successful?
6. How would this experience benefit you or teach you?

SANSKRIT

LEARN

- 1 छात्र के शब्द रूप याद कीजिए।
2. पठ् धातु के धातु रूप याद कीजिए।
- 3 अपने पाठ पुस्तक से कोई दो श्लोक याद कीजिए।
- 4 संस्कृत का अध्ययन करने से क्या बढ़ता है?
5. भीष्मः किं प्रतिज्ञापितवान् ?

WRITTEN

1. बालः कति वर्षीया असीत्?
2. बालकस्य मार्गं किम् अपश्यत्?
3. बालकस्य नाम किम्?
4. पाणिनि ग्रन्थस्य नाम किम्?
5. कस्य पठने रुचिः नासित्
6. भिक्षां कः याचते?
7. संस्कृतं पठित्वा देवाय किं चिन्तनीयम्?
8. कस्मिन् विषये ज्ञान विज्ञानस्य भण्डारः अस्ति?
9. भिक्षाम्, हिमवान्, क्षीरम्, दक्षिण हस्तम् का अर्थ लिखिए।
10. परिश्रमेण हि सिद्धयति कार्याणि कथम् इति हिन्दी में लिखिए।

PROJECT

समय के महत्व को बताकर घड़ी का मॉडल बनाइए।

GK

WRITING :

- When was the asteroid belt was first crossed by human spacecraft?
- Animals that lay eggs are known as (Ovine/Oviparous/Porcine).
- What are the members of news media known as? (Press/commentariat/Guild)
- The word algebra has been taken from. (Arabic/ Hindi/German)
- Initially there was total _____ memberships of the constituent assembly.
- The constitution is sometimes referred to as _____.

- _____ is one of the oldest professions in the world.
- The world environment day is celebrated on (5 may/5 June/5 July) every year.
- Solar energy is about _____ years old.
- Wind turbines have around _____ parts.

LEARN:

1. Learn unit 8 and 9 from your G.K book

PROJECT:

1. Collect the pictures of 10 different sports player and paste them in scrap book.
2. Collect the pictures of currencies of 5 different countries.
3. Design a poster depicting renewable sources of energy and their importance