



Hot sizzling summer reminds us of the time,

To break free and bask in the warm sunshine.

There's a burst of activities without minding the scorching heat,

When friends are making merry and relishing the ice cream treat.

So blend enjoyment with learning and introspection,

To fetch glory and attain perfection.

"Intelligence is the ability to adapt"

Knowledge is power and to impart it righteously to our children, we have carefully and meticulously designed the Summer Break Assignment. It aims to create a spirit of enquiry, creativity and sensibility among the learners. It is vital to enable our learners to foster an outlook that helps them explore, discover and rediscover. Summer vacation is the best and fruitful time for learning and nurturing creativity. A variety of fun-filled activities and worksheets are given to be attempted during summer break. The major emphasis is laid on **"Learning by doing"**.

Attempt the assignments neatly and beautify them by providing required illustrations. Summer vacation is the time to learn and enjoy. So spend these holidays creating a nurturing and stimulating environment filled with fun, frolic and learning.

Have an enjoyable Summer Break!

Will meet again on 1st July, 2023.

JVM SR.SEC. SCHOOL
HOLIDAYS HOMEWORK
CLASS –IX

DEAR PARENTS,

Holidays are the time when we can connect with child in many ways. As you are your child's first teacher, you can encourage your child's love for learning by participating in many activities at home. Working together will help your child build confidence, learn to reason and develop skills necessary for his/her education.

Take your Child for morning yoga, talk about the things that you see around.

Play indoor games with your child.

Let your child help around house doing small jobs like cleaning, watering plants etc.

To spend quality time with your child.

Encourage them to spend time with grandparents.

Communication will play pivotal role in grooming the overall personality of the children. Converse your child preferably in English.

GENERAL INSTRUCTIONS TO BE FOLLOWED WHILE DOING HOLIDAYS HOMEWORK:

Do the work according to the roll numbers.

Holidays home work should be done as per the instructions given on A4, A3 size sheets or charts.

The child should be assessed for the neat handwriting, presentation, creativity.

Parents can be facilitator at home but the work should be done independently by the child in his/ her own handwriting.

SUBJECT: SOCIAL SCIENCE

Learn and practice of following chapters:

Civics - Chapter 1 (What is democracy ? Why democracy ?)

Chapter 2 (Constitutional Design)

History - Chapter 1 (The French Revolution)

Chapter 2 (Socialism in Europe and the Russian Revolution)

Activities to be performed (Do any two)

* Make a chart on -- The ideas of Liberals ,Radicals and Conservatives

* Make a chart showing seven largest countries of the world.

(Write their area, language, capital also)

* Make A poster on - French society showing Each Estate

* Make A poster on-- the features of Preamble

. * Prepare a chart on--" fundamental Rights and Duties"

ASSIGNMENT

Write the following questions on A4 size sheet :-

1. How would you explain the rise of Napoleon ?
2. Why China cannot be called a democratic country ? Give reasons .
3. Describe the main features of democracy .
4. What is the difference between February Revolution and October revolution in Russia ?
5. What was the role of the Jacobins in the French revolution?
6. What were the main causes of French revolution ?
7. Describe the features of liberals radicals and conservatives.
8. What is a constitution ? Why do we need a constitution for a country ?
9. Explain ideals of the preamble of Indian constitution.
10. How did Musharraf establish his rule in Pakistan ?

(Science)

1. Project work

All the students will prepare a project on the following topic roll no. wise

Roll no. 1 to 10 - Maruti Suzuki plant of Haryana.

Roll no. 11 to 20 - Handloom/ fabric industry of Haryana.

Roll no. 21 to 30 - Agriculture based industry of Haryana

Roll no. 31 to 38 - Hathini kund bairaj of Haryana.

2. Read about at least five scientists and their contribution in chemistry and write at least 50 words on each.
3. Solve the given assignment questions in a separate notebook.

Chapter 1

1. Why do we see water droplets collected on the outer surface of a glass container, containing ice?
2. Explain why solids have fixed shape but liquids and gases do not have fixed shape.
3. Why is it advisable to use pressure cooker at higher altitudes?
4. What are fluids?
5. Why is water liquid at room temperature?
6. Cotton is solid but it floats on water. Why?
7. Why are solids generally denser than liquids and gases?
8. Name the factors that affect evaporation.
9. How is the high compressibility property of gas useful to us?
10. With the help of an example, explain how diffusion of gases in water is essential?
11. On a hot sunny day, why do people sprinkle water on the roof or open ground?
12. Why do people perspire a lot on a hot humid day?
13. A balloon when kept in sun, bursts after some time. Why?

Chapter 5

Question 1. Fill in the blanks: (10)

- Transporting channel of the cell is.....
- Chromosomes are made up of and.....
- The infolding of mitochondria is known as
- Storage sac of the cell is.....
- Non-membranous organelle of cell is.....
- Smallest cell in human is.....
-is the full form of DNA.
- ATP stands for.....
- Cells which change their shapes are..... and.....
- Largest cell in the world is.....

Question 2. Differentiate between:

- Osmosis and diffusion
- Prokaryotic cell and eukaryotic cell
- plasma membrane and cell wall
- plant cell and animal cell

Question 3. Give the structure and functions of following: (

- Endoplasmic reticulum
- Mitochondria
- Vacuole
- Golgi bodies

Question 4. write the contribution of following scientist in the study of cell.

- i) Robert hooke
- ii) Purkinje
- iii) Schleiden and Schwann

Question 5. What is nucleus? Describe it parts and functions?

Question 6. What happen

- If Dry apricot placed in pure water?
- Plasma membrane get ruptures or breakdown?

Question 7. What is the role of SER in liver cells of vertebrates?

Question 8. Draw a labelled diagram of animal cell and plant cell

Chapter 8

2. What is the importance of reference point?
3. A particle is moving in a circular path of radius r . What will be the displacement after half a circle?
4. Give one example each of the type of motion when
 - i) Acceleration is in the direction of motion
 - ii) Acceleration is against the direction of motion
 - iii) Acceleration is unifor
5. What does the path of an object look like when it is in uniform motion?
6. In which one of the following cases will the distance covered and the magnitude of the displacement are not the same ? Justify.
 - i) a passenger in a train travels from Delhi to Kolkata.
 - ii) A rain drop falling in still air.
 - iii) An athlete complete one lap in a race.
7. What do you understand by uniform circular motion?
8. The minute hand of a wall clock is 10 cm long .Find its displacement and the distance covered from 10:00 a.m. to 10:30 a.m.
9. What can you say about the motion of an object if its speed time graph is a straight line parallel to time axis?
10. What is the difference between an odometer and a speedometer?
11. Abdul while driving to school computes the average speed for his trip to be 20 km/h. On his return trip along the same route there is less traffic and the average speed is 30 km per hour. What is the average speed for Abdul strip?

Maths

***Do the questions in a separate notebook.**

1. Lab manual:- Pages-11-12(unit- 1 & 2)

Page No.-20 (unit-4)

Crossword:- Page No.-24 (unit-1,2(a),2(b))

Page No.-24(unit-4)

Page No.-25(unit-6)

Lab Activities- 1, 6, 7, 8, 9, 25, 26

Project work:-

Roll No.:- 1-5 Make a questionnaire based on Real No. & Polynomials. (5 Flash cards)

- 6-10** Make a PowerPoint presentation based on formulas and identities of algebra.
- 11-15** Make magazine pages based on Mathematical facts(5 pages)
- 15-20** Make a chart based on polynomials
(its categories based on degree or no. of terms)
- 20-25** Make a chart based on Number System.
- 25-30** Make a PowerPoint presentation based on coordinate system.
- 30-35** Make a portrait of 'Rene Descartes' and write his contributions on chart.
- 35-40** Make π using Mandela Art.

Revise July UT Syllabus:- chapter-1,3,4,5 and Heron's formula (English)

Literature Reader- Learn Fiction 1 and 2

Learn Poem- 1 and 2

MCB - Read Unit 1,2 and 3

GRAMMAR - Practice: Tense, Subject Verb Concord, Clauses

Activity: Do the following activities as per the given instructions:

Roll no 1 to 18 (Do any Five)

- 1. Make a Model of different literary devices.*
- 2. Draw a picture showing ' Grandparents child love' on A4 size sheet.*
- 3. Compose a poem on your favorite topic.*
- 4. Make a poster on 'World Environment Day' .*
- 5. Prepare a gift for your parents (best out of waste material)*
- 6. Prepare a chart on Tenses.*

Roll no. 19 to 38 (Do any five)

- 1. Make a potrait of your grandmother on a chart.*
- 2. Draw a scene of flowing Brook on a chart.*
- 3. Identifying characterstics and features of adventure by a web chart.*
- 4. Make a Poster on 'World Environment Day'.*

5. Prepare a chart on Clauses.

6. Draw a picture of a diverged road.

.Worksheet -1

Answer the following questions-(Attempt it in fair notebook)

1) The village was not easily accessible. How do we know this?

2) What was Kashi Yatre?

3) Why are Kashi/Varanasi specially significant for Hindus?

4) Grandmother was a keen learner. Give two instances to prove this?

5) Grandmother gave her teacher a gift. Who was her teacher? What did the gift signify?.

6) The Brook draws many things along with it, immaterial of what they are. How does this statement hold true for man's life as well? Discuss the values that man draws from the brook's journey towards the rivers?

7) 'The Road Not Taken' is a metaphor of life. Justify this statement.

8) The Brook is a symbol of struggle to us. Discuss the value that we can imbibe from the brook?

9) What would you like to become in life? Would you follow the crowd or choose a destination which would be exemplary for others. Give reason for your answer taking hints from the poem 'The Road Not Taken'.

10) Based on your reading of the lesson "A Dog Named Duke", do you think it is a great idea to keep animals as pets?

Worksheet-2

(Attempt it in fair notebook)

A) You are the secretary of Janta Group Housing Society, Palam Vihar, Kurnool. Draft a brief notice advising the residents of the society to store water for a day due to suspended water supply for cleaning of the water tank.

B) As a Secretary of the cultural club of your school write a notice to be displayed on school board informing the students that a charity show has been arranged in your school in aid of cancer patients.

C) Your uncle has offered to get you a pet for your birthday. Write a letter to him telling him what you would like, give reasons for your choice and tell him how you would take care of your pet.

d) Your Friend has been sick and has been unable to attend school for two weeks. An inter school drama competition took place during this period. Write a letter to your friend telling him / her about the event and your role in it.

Worksheet 3- Tense

TENSES WORKSHEET



Name: _____

Sr.	Sentences	Tense Name
1.	I have written two chapters of this book.	
2.	He likes butter on a piece of bread.	
3.	They have finished eating an hour ago.	
4.	Is he leaving for Glasgow?	
5.	We take tea in the afternoon.	
6.	He will watch the movie on Sunday.	
7.	He said that he had seen Tom at the grocery store.	
8.	He is reading his favorite novel in the library.	
9.	I have studied Social Behavior in college.	
10.	He has been living in this city for ten years.	
11.	Shariq will be spending holidays at the beach.	
12.	He was flying a kite when the storm broke.	
13.	I have been practicing verbs for one week.	
14.	The doctor saved the life of the child.	
15.	We will have taken dinner before 9 o'clock.	
16.	She gave me a nice gift.	
17.	We had taken our seats before the show began.	
18.	The boss had been working on a new project for three weeks.	
19.	He will have been studying Neural Networks for one month.	
20.	He is developing a pseudo model of his project.	

Fill in the correct form of the verb – All tenses

1. My family have _____ (buy) some land in southern France recently. They _____ (build) a summer house there at the moment.

2. Andy and Mary _____ (go) to a concert tomorrow night. They _____ (look forward to) it the whole week.

3. Jonathon _____ (watch) the news on TV every day and it _____ (help) him with his English.
4. My car _____ (break) down when I _____ (drive) home from work. I _____ (fix) it if I _____ (know) what was wrong. But I didn't so _____ (have) to take it to the garage.
5. When he _____ (found) Microsoft, Bill Gates was only 20 years old. He _____ (already write) his first computer programme six years earlier.
6. An accident _____ (happen) near my house last night. A car _____ (hit) a young man. He _____ (ride) his bike when someone in front of him suddenly _____ (open) a car door. Many people _____ (see) the accident. The police _____ (interrogate) them last night.
7. Mrs Smith said that one day she _____ (retire) from teaching. She said that she _____ (spend) her new free time learning about computers.
8. I _____ (not sleep) at all last night. Someone _____ (listen) to music all night.
9. I _____ (see) a film a week ago, but I _____ (not enjoy) it very much because I _____ (already read) the book. If I _____ (not read) the book I _____ (probably enjoy) the film more.
10. The judge sentenced the man to eight years in prison because he _____ (rob) a bank.
11. They _____ (stand) in the queue for over an hour when the manager _____ (tell) them that there were no more tickets.
12. Alan _____ (be) in the car accident yesterday. The other driver _____ (lose) control of his car because he _____ (fall) asleep.
13. She _____ (not see) her father since he _____ (start) to work in Marseille two years ago.
14. I _____ (sleep) when the fire broke out.

Worksheet 4 – Clause

Underline the subordinate clause and state whether it is an adjective clause, adverb clause or noun clause.

1. *She said that I will have to go.*
2. *The constable asked me what I was searching for.*
3. *Although they searched everywhere they could not find him.*
4. *If the driver had been more careful, the accident would not have occurred.*
5. *I met a man who was selling use and throw pens on the bus.*
6. *Last week I visited some old friends whom I had not seen in years.*

7. *The girl whose performance enthralled everyone is a trained classical dancer.*
8. *I talked to the boy who complained of bullying.*
9. *As it was a hot afternoon, I was sweating profusely.*
10. *I waited so that I would be able to meet them.*
11. *Things will not improve unless you do something.*
12. *Do you know any store where they sell used books?*

Worksheet 5 – Subject Verb Agreement

Fill in the blanks with the correct form of the verb-

1. Each of the girls ____ her own dress. (has/have)
2. Five miles ____ long distance. (is/are)
3. Many a man ____ tried hard to climb the treacherous mountain range. (have/has)
4. The furniture of the house ____ quite impressive. (is/are)
5. Few students _____ coming to the party. (is, are)
6. Uma, my childhood friend ____ leaving for Delhi next month. (is/are)
7. Most of my friends _____ government employees. (is/are)
8. The level of pain tolerance ____ from person to person. (vary/varies)
9. Either Tina or Rohit ____ telling lies. (is/are)
10. A number of people _____ reported to have fallen sick after drinking the water from the tubewell. (was/were)
11. The government ____ criticised by the Supreme Court for their actions. (was/were)
12. No one ____ a greater collection of books than my friend Reeshav. (has / have)
13. Somebody ____ waiting at the door for you. (is / are)
14. Two ____ ago, here is the place where the accident took place. (year/years)
15. Fast food, like burgers and street food, ____ harmful to our health. (is/are)
16. All the students ____ excited to visit the museum after school. (is/are)
17. Neither Joseph nor his family ____ French. (speaks/speak)
18. Either Ross or Joey ____ broken the glass. (has/have)
19. If anybody _____ for me, do let me know. (calls/call)
The plumber, along with his helper _____, expected to come soon. (is/are)

Information Technology-402

Q.1: Learn Unit-3 (Part B) all sessions.

Q 2: Digital India

What to do: Design a poster on the topic “Make in India” in Writer.

Where to do: Mail the activity on the email ID: ks2692775@gmail.com

- Subject of the mail should be your name Class & sec (e.g Riya Verma 9A)
Parameters: Creativity, Originality, Overall presentation

File Work (as per the instructions)

L-3 Digital Documentation

1. Design a document in LO Writer on the topic “Electronic typewriter Vs Word Processor” and perform the following:
 - a) Insert Header – School’s name and logo
 - b) Insert Footer- Page Number in the center
 - c) Apply page border and shading
 - d) Insert a shape and write the heading inside it
 - e) Fill colour inside the shape
 - f) Insert a picture from the gallery
 - g) Apply bullets and write 5 points about the topic
 - h) Format the text properly
 - i) Find the word Electronic typewriter and replace it with E-Typewriter
 - j) Perform spell and grammar check Book

Instructions for file:

1. Take portfolio folder.
2. Prepare a title page including school name, your name and class & section.
3. Insert an acknowledgement page.
4. Write the steps and paste screenshots for each activity on a separate page

विषय -हिंदी

- पाठ्य पुस्तक क्षितिज भाग -1

- पाठ -3 उपभोक्तावाद की संस्कृति

- पाठ - 4 सांवले सपनों की याद

दिए गए पाठों को ध्यान से पढ़ें और 15-15 वस्तुनिष्ठ प्रश्न -उत्तर

अपनी उत्तर पुस्तिका(fair notebook)में लिखें ।

- 'समास 'और 'उपसर्ग - प्रत्यय' के 10-10 उदाहरण लिखें ।

- क्रियाकलाप (Activity)

- मिजोरम राज्य पर चित्र सहित प्रोजेक्ट तैयार कीजिए ।

जैसे - संस्कृति, त्योहार, पर्यटन- स्थल, रहन-सहन, भाषा और खानपान)

- यातायात के नियमों की अनदेखी के चलते अक्सर लोग दुर्घटना के शिकार होते हैं । इस संबंध में जागरूकता हेतु चार्ट पर स्लोगन लिखिए ।

- आज हमारा देश कई समस्याओं से जूझ रहा है । इनमें से किसी एक समस्या को कार्टून बनाकर प्रस्तुत कीजिए और उसका संदेश लिखिए ।

- भिक्षा मांगना आजकल मजबूरी नहीं व्यवसाय बन गया है। भिक्षावृत्ति को रोकने के लिए प्रोत्साहित करता एक पोस्टर तैयार कीजिए।

- "गौमाता के प्रति बदलता दृष्टिकोण "विषय पर बिंदु अंतर के रूप में लिखें। A-3 शीट पर संबंधित चित्र भी चिपकाइए ।

- पारंपरिक दृष्टिकोण आधुनिक दृष्टिकोण

जुलाई UT-2 पाठ्यक्रम

क्षितिज पाठ्यपुस्तक गद्य खंड - पाठ -2 (ल्हासा की ओर)

काव्य खंड - वाख

व्याकरण - समास, पत्र, सूचना लेखन, अपठित पद्यांश

कृतिका - इस जल प्रलय में