

**MPD DAV SENIOR SECONDARY  
PUBLIC SCHOOL, KALANWALI**

**HAPPY  
SUMMER  
HOLIDAYS**

**CLASS - 3RD**



**CLASS INCHARGE - MS. CHANCHAL RANI**

**PRINCIPAL - MS. KAVITA SHARMA**

**CLASS INCHARGE - MS. CHANCHAL RANI**

**PRINCIPAL - MS. KAVITA SHARMA**

General instructions :

1. Complete all your assignments under the guidance of parents.
2. Practice writing to Improve your writing skill.
3. Read story books regularly to improve your reading skill.

Subject - English

- A.No.1 Reading improves vocabulary and knowledge. So, read your English Reader book daily.  
A.No. 2 Good handwriting improves learning. So, do practice of writing to improve your writing skill.  
A.No. 3 Try to speak small sentences with your family members to improve your communication skill.  
A.No. 4 Find out the naming words in your surroundings and classify them as persons, places, animals / birds, things.  
A.No. 5 Learn Q/Ans and bookwork of Poem- At The Zoo and Lessons - Dolphins, The Canary.  
A.No. 6 Play 'Word Antakshari' game with your family members to increase your vocabulary.  
A.No. 7 Do practice of topics - Naming Words and Replacing Words.  
A.No. 8 Make any one Chart or Model on -  
Naming Words / Replacing Words / How Many ( Numbers )

विषय - हिन्दी

**A.No. 1 प्रतिदिन भाषा माधुरी पुस्तक का एक पेज पढ़ें।**

**A.No. 2 पाठ 1 से 5 तक के कठिन शब्दों का अभ्यास करें।**

**A.No. 3 पाठ 2,3,5 के प्रश्न/ उत्तर का अभ्यास करें।**

**A.No. 4 प्रार्थना पत्र का अभ्यास करें।**

**A.No. 5 पाठ 2 से 4 तक के भाषा अभ्यास कार्य और भाषा माधुरी कार्य का अभ्यास करें।**

**A.No. 6 अनुच्छेद मेरा भारत याद कर घर के सभी सदस्यों को सुनाएं।**

**A.No. 7 गर्मी की छुट्टियों में आप जिस भी शहर स्थान पर जाएं उस स्थान की विशेषताएं छुट्टियों के उपरांत कक्षा में साझा करें।**

Subject - Maths

- A.No.1 Learn one table daily.( tables 2 to 12)  
A.No. 2 Learn mobile number of your parents.  
A.No. 3 Do practice of five sums of Addition and Subtraction daily in your rough notebook.  
A.No. 4 Make any one Chart or Model on - Multiplication ( Multiply Machine) / Addition Expanded Form.  
A.No. 5 Revise U - 1, 2 & 3  
A.No. 6 Activity : Find the secret number -

Solve the following and colour the answers in the table .The left number is the secret number.

- a) I am not  $3 + 5$   
b) I am not  $9 - 7$   
c) I am not  $8 + 2$       d) I am not  $10 - 3$       e) I am not  $7 + 4$

6	11	8	7	2	10
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Subject – Science

- A.No. 1 Read 2 stanzas daily of your science book.  
A.No. 2 Practice, book work of lesson 1 to 3  
A.No. 3 Learn Q/A( Part D,E) of lesson 1 to 3  
A.No. 4 Practice diagram of tongue and parts of a plant.  
A.No. 5 Plant one herb and one shrub at home to save environment .  
A.No. 6 Buy leafy vegetables from the market with dad and help mother in preparing leafy vegetables.

A.No. 7 Make a chart or model on land, water and air animals.

Subject - Social Science

A.No. 1 Read two stanzas daily from your Social Science book.

A.No. 2 Practice, book work and learn Q/A of chapter 1 to 3

A.No. 3 Use straws,leaves ,grass, stones, clay etc to make a small model of hut.

A.No. 4 Learn any two household chores during the holidays and share in class after holidays.

A.No. 5 Collect some pictures of a variety of dresses and paste them on the note book.

A.No. 6 Make a beautiful painting on a drawing sheet with the help of colours and some vegetables like lady finger, capsicum,cabbage, potato etc.

Subject - Punjabi

Book - □□□□□□□□

A.No.1 ਪਾਠ 1."ਸਿਮਰਨ ਦੀ ਛੋਟੀ ਭੈਣ "read ਕਰਨਾ।

A.No. 2 ਪਾਠ 1." ਸਿਮਰਨ ਦੀ ਛੋਟੀ ਭੈਣ "ਦਾ bookwork ਅਤੇ ਪ੍ਰਸ਼ਨ /ਉੱਤਰ ਯਾਦ ਕਰਨਾ ਹੈ।

A.No. 3 ਪਾਠ 2." ਆਪੋ ਆਪਣੀ ਬੋਲੀ" ਕਵਿਤਾ ਯਾਦ ਕਰਨੀ ਹੈ,ਪ੍ਰਸ਼ਨ /ਉੱਤਰ ਤੇ bookwork ਯਾਦ ਕਰਨਾ ਹੈ।

A.No. 4 ਲਿੰਗ ਬਦਲੇ ਯਾਦ ਕਰਨਾ।

A.No. 5 ਵਚਨ ਬਦਲੇ ਯਾਦ ਕਰਨਾ।

A.No. 6 A4 sheet ਤੇ ਪਾਠ 2\_ "ਆਪੋ ਆਪਣੀ ਬੋਲੀ" ਵਿੱਚ ਕਿਸੇ ਜਾਨਵਰ ਜਾਂ ਪੰਛੀ ਦੀ ਤਸਵੀਰ ਬਣਾਉਣੀ ਹੈ।

Subject - Computer

A.No. 1 Make a chart of computer System.

A.No. 2 Give one word for the following :-

- Fastest computer in the world \_\_\_\_\_
- Computer which is small like a briefcase \_\_\_\_\_
- Computer which you can keep in your pocket \_\_\_\_\_
- Computer which is kept on the table \_\_\_\_\_
- The computer which we keep in our laps \_\_\_\_\_

A.No. 3 Project- Make a 3D model using cardboard, colored sheet and other required material according to your roll numbers.

- Roll no.1-10 Tablet
- Roll no. 11-20 Palmtop
- Roll no. 21-30 Smartphone
- Roll no. 31 onwards Laptop

Always Remember

- Eating healthy food is good, whereas unhealthy and unhygienic food brings diseases.
- While having food, table manners are important as it makes a child civilized in society.
- Brushing twice a day gets us healthy teeth and gums.
- Playing outdoor games makes a child physically, mentally tough and help them to adapt the society.
- Being responsible and careful about money is a good habit as it tells the importance of money and savings.
- Making a habit of saying "please" and "thank you" will put you as kind-hearted and generous.
- After eating foods from packets and wrappers, throw them in a dustbin instead of littering everywhere.
- Tell your child about the habit of sharing as to how sharing means caring.

**M.P.D.DAV SEN.SEC.PUBLIC SCHOOL**

**GRADE : IV**

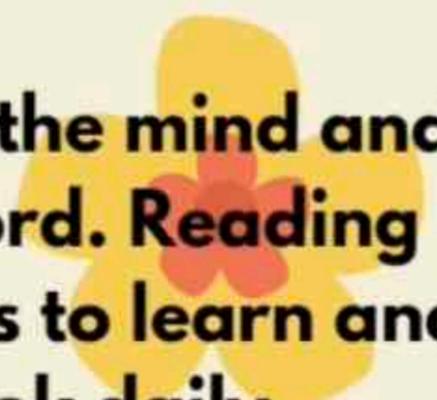


**Go On Holiday!**

**PRINCIPAL : Mrs. Kavita Sharma**



## Subject-English

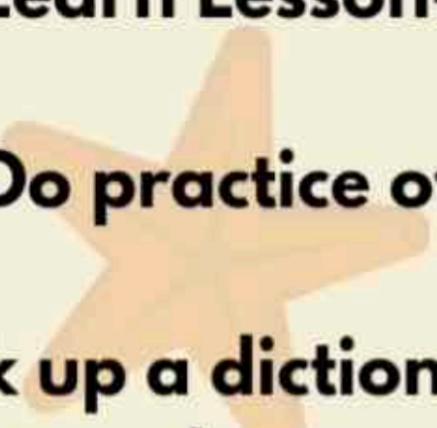
 1. Reading is important because it develops the mind and also helps in understanding the written word. Reading helps to develop language skills. It also helps to learn and listen .So, read your English Reader Book daily. 

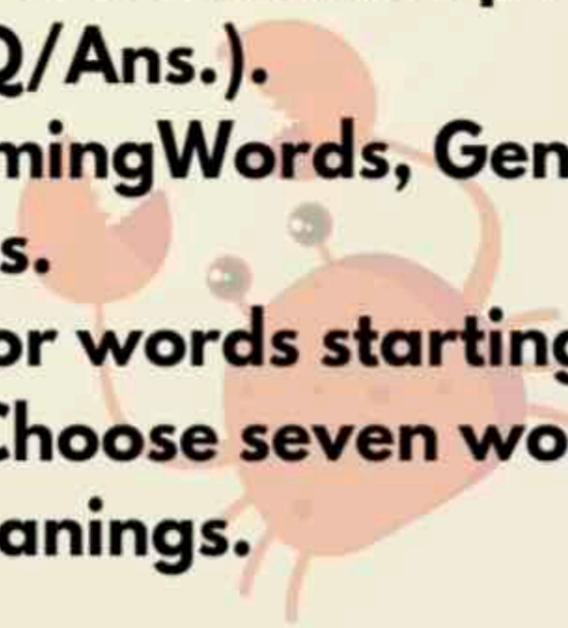
2.A beautiful handwriting makes a good impression. Practise one page of English handwriting daily on your handwriting notebook.

 3.Play ‘Word Antakshari’ game with your family members and friends to increase your vocabulary.

4.Make anyone Chart or Model on Topic- Genders/ Pronouns.

5.Learn Lesson-A True Friend, Lesson-Mix Up at Birth (Bookwork & Q/Ans.).

 6.Do practice of the Topics-Naming Words, Genders & Pronouns.

7.Pick up a dictionary and look for words starting with the first two letters of your name.Choose seven words and write their meanings. 

## Subject-Hindi

1. अंताक्षरी खेलते हुए नए शब्द सीखें।
2. प्रतिदिन भाषा माधुरी का पाठ पढ़ें जिससे आपके पढ़ने का अभ्यास हो।
3. 'उलटा-पुलटा' पाठ से आपको क्या सीखने को मिलता है। अनुच्छेद याद करें।
4. शब्द लडी का अभ्यास करें ताकि आपको नई शब्दावली का ज्ञान हो।
5. भाषा माधुरी और भाषा अभ्यास के पाठ 1 से 3 तक का अभ्यास करें और प्रश्न-उत्तर याद करें।
6. अपनी लिखाई सुधारने के लिए प्रतिदिन रफ कॉपी पर सुलेख लिखें।
7. संज्ञा या अनुस्वार अनुनासिक शब्दों पर एक चार्ट बनाएं।

## MATH

1. Learn one table daily. (2-15)

2. Do practice of 4 multiplication ✖ questions daily.

3. Write ✍ tables 1-15 on A4 sheet.

4. Write ✍ the mobile 📱 number of your parents on A4 size sheet.

a) Find the sum of digits of mobile number.

b) Write its expanded form.

c) Make the largest and smallest number using your number.

d) Write the successor and predecessor of your number.

5. Revise U-1, 2, 3.

6. Do practice of 5 Addition and subtraction questions daily.

7. Make an abacus 📊 using waste materials.

## **Subject – Science**

**A.No 1. Read one page daily from G.Science book .**

**A.No 2. Learn book work of lesson 1to3**

**A.No 3. Learn Q /A (Part D, E) of lesson 1 to 3**

**A.No.4 Prepare a chart of terrestrial plants and aquatic plants.**

**A.No 5. Collect the pictures of different birds and look carefully at the difference between the beaks and claws of birds.**

**A.No 6. Eat balance diet and make a chart or model of balance diet.**

**A No 7. Grow a sapling in a pot and also take care of it.**

## **Subject-Social Science**

- 1. Make a chart by pasting the pictures of nuclear and joint family and also write down that which type of family you live and also write the number of family members you live**
- 2. Read chapter 3 and 4 and write the difficult words on your holiday's homework copy.**
- 3. Make a chart on good habits from page number 14 and explain that how had you help a needy person in your holidays.**
- 4. Write any five lines about your favourite festival and paste a photograph of your favourite festival on a colorful page.**
- 5. Make a small model of an ideal home: - Features of an ideal home should be sunlight, ventilation, sanitation, doors and windows, water supply, safety, garbage disposal.**

## **Subject-Punjabi**

### **Book- ਕਿਲਕਾਰੀ**

**1. ਕਵਿਤਾ , "ਆਓ ਸਿੱਖੀਏ " ਯਾਦ ਕਰਨੀ।**

**2 .ਕਵਿਤਾ "ਆਓ ਸਿੱਖੀਏ " ਦਾ **bookwork** ਅਤੇ ਪ੍ਰਸ਼ਨ ਉੱਤਰ ਯਾਦ ਕਰਨੇ ਹੈ।**

**3.ਪਾਠ.2 \_ "ਸਾਈਕਲ ਦੇ ਝੂਟੇ " ਦਾ **bookwork** ਅਤੇ ਪ੍ਰਸ਼ਨ ਉੱਤਰ ਯਾਦ ਕਰਨੇ ਹੈ।**

**4.ਲਿੰਗ ਬਦਲੇ ਯਾਦ ਕਰਨਾ ।**

**5. ਵਚਨ ਬਦਲੇ ਯਾਦ ਕਰਨਾ।**

**6. ਵਿਰੋਧੀ ਸ਼ਬਦ ਦਾ ਤਸਵੀਰਾਂ ਲਾ ਕੇ ਚਾਰਟ ਬਣਾਉਣਾ।**

## COMPUTER

1. Read Lesson 1 and Learn "DO YOU KNOW"?

2. Do typing Practice Daily.

3. Create a Collage of INPUT and Output devices. On an A4 Sheet or drawing sheet.

4. Write the uses of short cut commands of Keyboard on an A4 Sheet.

**Keyboard Shortcuts**

Please match the keyboard shortcut to its purpose, the first one has been done for you.

CTRL + A	BOLD
CTRL + B	COPY
CTRL + C	PASTE
CTRL + I	CUT
CTRL + U	ITALIC
CTRL + V	<u>UNDERLINE</u>
CTRL + X	SELECT ALL

## Moral Values

Moral Principles affect a person's capacity to distinguish between good and wrong. So you must inculcate these ethical values-



**Happy holidays!!**



**MPD DAV SENIOR SECONDARY  
PUBLIC SCHOOL, KALANWALI**

*HAPPY*  
**SUMMER**

HOLIDAY

*Principal. Mrs. Kavita sharma*

Dear Student,

- Summer Vacation is the best and the most fruitful time for learning and nurturing

creativity. Keeping this objective in mind we have planned diverse and exciting

activities that will enhance your knowledge and boost your creativity.

- “Knowledge is Power”. Therefore read lots and lots of books to cultivate the reading

habit and develop your vocabulary, language skills, increase your attention span and

improve your spellings.

- “A healthy mind lives in a healthy body”. So play the sport of your choice **INDOORS**.

It will help to instill discipline, generate sporting spirits and channelize your energies

constructively.

- Get up early in the morning and see the rising sun. Do indoor exercises / yoga and stay

healthy and fit. Spend quality time with your elders and share your thoughts and ideas

with them.

**Dear Parents,**

**Vacation is a welcome break!**

**Summer vacation are synonymous with fun, frolic ,getting up late, playing for longer hours and**

**watching fun filled shows on television.**

**There is a lot more we can do to make these vacations more interesting.**

**Guidelines to make the summer break more fruitful**

- **Play games like scrabble, chess, atlas and word building.**
- **Assign a permanent workplace and a work-time for your child. This encourages discipline.**
- **Inculcate good manners- 4 magic words ‘please, thank you, excuse me, sorry’-use them and see the difference.**
- **Encourage your child to help around the house work and do small household jobs like dusting, watering the plants, laying dinner table etc.**
- **Guide the child to keep his room and things clean and well organized.**
- **Motivate your child to take up yoga or any other form of healthy activity.**
- **As much as possible, try to converse in English with your child.**
- **Encourage your child to read books (e books) and children’s magazines.**
- **Integrating curriculum helps students deepen their understanding of the subject matter and comprehend relationship between different areas of study. This**

## **Subject: Math**

- 1. Learn one table daily.( 2-15)**
- 2. Do practice of 4 multiplication ✖ questions daily.**
- 3. Write 📝 tables 1- 15 on A4 sheet.**
- 4. Write 📝 the mobile 📱 number of your parents on A4 size sheet.**
  - a) Find the sum of digits of mobile number.**
  - b) write it's expanded form.**
- c) Make the largest and smallest number using your number.**
- d) Write the successor and predecessor of your number.**
- 5. Revise 11- 1,2,3.**
- 6. Do practice of 5 Addition and subtraction questions daily.**
- 7. Make an abacus 📊 using waste materials.**

## **Subject -English**

**A.no.1- Reading plays a crucial role because it improves vocabulary, enhances critical thinking. So read your English Reader Book or Newspaper daily.**

**A.no. 2.- Good handwriting is a sign of perfect education. So, do practice of attractive handwriting on rough notebook to improve your writing skill.**

**A.no.3- Make a beautiful bookmark for your book. Decorate it and write an inspirational quote which inspires you. Set the bookmark laminated.**

**A.no.4- Try to speak small sentences with your family members to improve your communication skill.**

**A.no.5- Learn Lesson- 'Monday Morning Blues', Lesson- 'The Tale Of A Tail' bookwork and Q/Ans.**

**A.no.6- Do practice of the Topics- Determiners and Apostrophe.**

**A.no.7- Play 'Word Antakshari' game with your family members to increase your vocabulary.**

**A.no.8- Make any one Chart or Model on the Topic- Nouns / Determiners**

# Subject-Science

- 1. Make a chart on skeleton system and write 10 to 15 name of it parts.**
- 2. Make a small chart on different sense organs of different animals.**
- 3. Make a model on photosynthesis.**
- 4. Read chapter 3 and 4 and write 10 to 15 difficult words from these chapters on your holiday's homework copy and write its meaning also.**
- 5. Collect any 10 real things that we get from forest/park and paste it on scrapbook.**
- 6. Write a slogan on stop deforestation in calligraphy form.**



## Social science



AN 1. Read lesson 1 and learn book work and question answer.

AN 2 . Write one value each that you would like to imbibe from your : Grandfather, Father, Grandmother, Mother, Uncle, Aunt.

AN 3 . Who is your role model? Mention the qualities which you admire in him /her and would like to imbibe.

AN 4. Read L 2 carefully and write what facilities are needed by people in case of disaster?

AN 5 Learn 2 question answer and book work

AN. 6 Read L 3 and write some difficult words.

AN 7 Observe your colony/village and write down the types of houses and the materials used to make them.

AN 8 Make a model and chart on different types of houses.

1. लिखाई सुधारने के लिए रफ कॉपी पर सुलेख लिखें।
2. प्रतिदिन अखबार या हिंदी की पुस्तक पढ़ें ताकि आपके पढ़ने में सुधार हो सके।
3. शब्दों की अंताक्षरी खेलो और नए शब्द सीखो।
4. पाठ 1 से 5 तक के प्रश्न/उत्तर और भाषा अभ्यास का काम याद करें।
5. भाषा अभ्यास पेज 15 "पेड़ों का महत्व" अनुच्छेद याद करें।
6. अलग-अलग विषय पर संवाद लेखन का अभ्यास करें।
7. नीचे दिए गए विषय में से किसी एक पर सुंदर सा चार्ट बनाइए।
  - (1) संज्ञा पर सुंदर सा चार्ट बनाएं।
  - (2) विशेषण व विशेष्य पर चार्ट बनाएं।
  - (3) क्रिया शब्दों का उदाहरण देते हुए चार्ट बनाएं।
  - (4) सर्वनाम से संबंधित चार्ट बनाएं।



## Punjabi homework

- 📖 ਪਾਠ ਪੁਸਤਕ ਕਿਲਕਾਰੀ  
ਪਾਠ- 1 ਅਤੇ ਪਾਠ- 2 ਦੇ ਪ੍ਰਸ਼ਨ ਉੱਤਰ  
ਅਤੇ ਪੁਸਤਕ ਦਾ ਕੰਮ ਯਾਦ ਕਰਨਾ ਹੈ।
- 📖 10 ਪੇਜ ਸੁੰਦਰ ਸੁਲੇਖ ਦੇ ਲਿਖਣੇ  
ਹਨ।
- 📖 ਕਾਪੀ ਦਾ ਕੰਮ -ਲਿੰਗ ਬਦਲੇ,  
ਵਚਨ ਬਦਲੇ ਅਤੇ ਵਿਰੋਧੀ ਸ਼ਬਦ ਯਾਦ  
ਕਰੋ।
- 📖 ਤਿਤਲੀ ਅਤੇ ਬਸਤੇ ਦਾ ਸੁੰਦਰ  
ਚਿੱਤਰ ਬਣਾ ਕੇ ਰੰਗ ਭਰੋ।
- 📖 ਹਰ ਰੋਜ਼ ਅਖਬਾਰ ਜਾਂ ਪੁਸਤਕ  
ਪੜ੍ਹਨ ਦਾ ਅਭਿਆਸ ਕਰਨਾ ਹੈ।

गृहकार्य - ग्रीष्मकालीन अवकाश

धर्मशिक्षा

1. सभी विद्यार्थी नित्य गायत्री

मंत्र का जाप

करें ।

2. विद्यार्थी छुट्टियों में एक पौधा

ज़रूर लगाएँ ।

3. छुट्टियों में पशु-पक्षियों के

लिए पीने के पानी का प्रबंध करें ।

4. विद्यार्थी पाँच अच्छी आदतें

लिखकर उनका पालन करें ।

5. विद्यार्थी घर पर एक निश्चित

समय सारिणी का उपयोग करें ।

# Computer

1. Read Lesson 1 and Learn “ DO YOU KNOW “?

Do typing Practice Daily.

Create a Collage of INPUT and Output devices. On an A4 Sheet or drawing sheet.

Write the uses of short cut commands of Keyboard on an A4 Sheet.

### Keyboard Shortcuts

Please match the keyboard shortcut to its purpose, the first one has been done for you.

CTRL + A	BOLD
CTRL + B	COPY
CTRL + C	PASTE
CTRL + I	CUT
CTRL + U	ITALIC
CTRL + V	UNDERLINE
CTRL + X	SELECT ALL

VIPER LINKEDIN ZOOM PINTEREST INSTAGRAM WECHAT FACEBOOK TELEGRAM  
WHATS APP TWITTER GOOGLE+ TIK TOK VIMEO TUMBLR YOUTUBE SNAPCHAT

- LCD - LIQUID CRYSTAL DISPLAY
- LTE - LONG TERM EVOLUTION
- MAC[ADDRESS] - MEDIA ACCESS CONTROL
- MPEG - MOVING PICTURE EXPERTS GROUP
- PDF - PORTABLE DOCUMENT FORMAT
- PNG - PORTABLE NETWORK GRAPHICS
- RAM - RANDOM ACCESS MEMORY
- ROM - READ ONLY MEMORY
- SD CARD - SECURE DIGITAL CARD
- SMS - SHORT MESSAGE SERVICE
- SSL - SECURE SOCKETS LAYER
- SQL - STRUCTURED QUERY LANGUAGE
- URL - UNIFORM RESOURCE LOCATOR
- VGA - VIDEO GRAPHICS ARRAY
- VPN - VIRTUAL PRIVATE NETWORK
- WWW - WORLD WIDE WEB

1 KB = 1024 Bytes  
1 MB = 1024 KB  
1 GB = 1024 MB  
1 TB = 1024 GB  
1 PB = 1024 TB

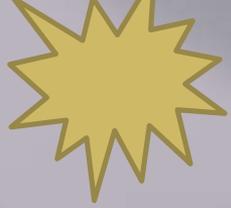


**HAPPY  
HOLIDAYS**

**STAY SAFE  
FROM  
HEAT  
WAVES**



**MATA PUNNA DEVI**  
**DAV PUBLIC SCHOOL ,KALANWALI**



# SUMMER VACATIONS ASSIGNMENT GRADE-6<sup>TH</sup>



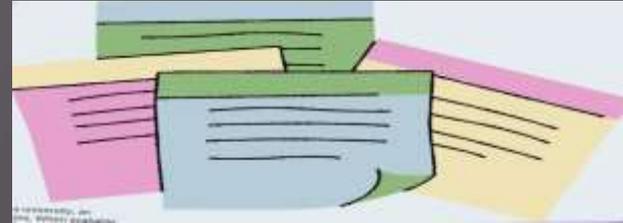
# ENGLISH

- 1- Read your English Literature Book or newspaper daily to improve your reading skill.
- 2- In the shape of wall hanging prepare an inspirational wall hanging. Write any moral values on it. Decorate your wall hanging with waste material.
- 3- Try to speak small sentences with your family members to improve your communication skill.
- 4- Prepare a 'Dictionary' having minimum five words of each alphabet(new words) with meaning to enhance the vocabulary. Cover it with beautiful cover and put a bookmark in it with a positive quote written on the bookmark.
- 5-Learn Lesson-1(How Daddy Decided What He Wanted To Be),Lesson-2(The White Elephant) bookwork,Q/ Ans.and Writing Skill.
- 6- Make a Chart or Model on the topic-Tenses
- 7-Do practice of Notice.(Lost and found)
- 8- Prepare a birthday card for your friend.



# HINDI

1. पाँच सुलेख लिखें ।
2. ज्ञान सागर के पाठ एक से छह तक के कठिन शब्दों को लिखकर याद करें ।
3. सुंदर लाल पाठ से प्रेरित सभी विद्यार्थी एक पौधा लगाकर उसकी देखभाल करें ।
4. पाठ एक से चार के प्रश्नोत्तर याद करें ।
5. घर में केवल हिंदी में ही वार्तालाप करने का प्रयास करें ।
6. अपने हिंदी के शब्द भंडार को बढ़ाने के लिए समाचार पत्र व पुस्तक पढ़ें ।



# MATHEMATICS

1- Practice all the sums of Unit-1,8

2- Do all the examples of Unit -1,8

3- Search the information of any one famous mathematician and write a paragraph with a picture.

Biography includes the following points -

Introduction

Childhood

Achievement

His/her contribution to the society

4-Write the definition with examples on the A4 sheet of following topics:-

❖ Prime number

❖ Composite number

❖ Multiples

❖ Factors

❖ Twin prime number

❖ Co-prime number

5- Solve one sudoku (puzzle) daily from the newspaper /magazine.

6- Make a beautiful wall hanging by using geometrical shapes.

7- Solve the brain teaser of Unit 1&8



# SCIENCE



1. Complete your fair notebook.
2. Revise chapter 1 to 4.
3. Planting a tree on a environment day (5 June). Click a picture and send the picture in the respective group.
4. Make a science model for science inspire on
  - (i) Green energy
  - (ii) Artificial intelligence
  - (iii) Any relevant topic from the real world and from your book.
5. Make a chart with the picture of any famous 5 scientists and also write about great contribution that is given by him/her in the scientific field.
6. Make at least 5 extra Questions on chapter 1 to 4.
7. Make an activity on A4 paper how they use the science topic in their real life in holidays



# SOCIAL SCIENCE

1 Read ch. 1 and 2 ,Learn main points.

2 Learn part A,B,C of Ch 8 and 9

3 Learn answers of the questions given in part E of ch- 10

4 Prepare a scrapbook of tools , occupations and inventions of Early Man(Group Activity)

5 Prepare a model of any one of the given topics(Group Activity)

(i)Solar system or

(ii)Planet Earth

(iii)Globe

6 On the map of India fill and colour all states and paste in scrapbook

7 On the map of the world fill and colour all continents and paste in scrapbook.



# PUNJABI

- 1 - ਪਾਠ 1 ਤੋਂ ਲੈ ਕੇ ਪਾਠ ਪੰਜ ਤੱਕ read ਕਰਨਾ ਹੈ।
- 2 - ਪਾਠ 2 ' ਆਪਣੇ ਆਪਣੇ ਥਾਂ ਸਾਰੇ ਚੰਗੇ' ਦੇ ਪ੍ਰਸ਼ਨ /ਉੱਤਰ ਯਾਦ ਕਰਨਾ ਹੈ।
- 3 - ਪਾਠ 3. ' ਰੁੱਤਾਂ ਦੀ ਰਾਣੀ: ਬਸੰਤ ਰੁੱਤ' ਦਾ bookwork ਅਤੇ ਪ੍ਰਸ਼ਨ /ਉੱਤਰ ਯਾਦ ਕਰਨਾ ਹੈ।
- 4 - ਲਿੰਗ ਬਦਲੇ ਯਾਦ ਕਰਨਾ।
- 5- ਵਚਨ ਬਦਲੇ ਯਾਦ ਕਰਨਾ।
- 6- A4 sheet ਤੇ ਚੌਕ ਵਿੱਚ ਲੱਗੀਆਂ ਬੱਤੀਆਂ ਦਾ ਚਿੱਤਰ ਬਣਾਓ ਤੇ ਉਹਨਾਂ ਵਿੱਚ ਰੰਗ ਵੀ ਭਰੋ।
- 7- 'ਬਸੰਤ ਰੁੱਤ' ਲੇਖ ਨੂੰ ਯਾਦ ਕਰਨਾ ਹੈ।



# धर्मशिक्षा



1. सभी विद्यार्थी नित्य गायत्री मंत्र का जाप करें ।
2. विद्यार्थी छुट्टियों में एक पौधा जरूर लगाएँ।
3. छुट्टियों में पशु- पक्षियों के लिए पीने के पानी का प्रबंध करें ।
4. विद्यार्थी पाँच अच्छी आदतें लिखकर उनका पालन करें ।
5. विद्यार्थी घर पर एक निश्चित समय सारिणी का उपयोग करें

# COMPUTER

- ▣ 1. Revise Chapter 1-2.
- ▣ 2. PROJECT-Using Internet (Google search engine) or from newspaper, Magazines etc. find out the name of various Memory storage devices, Name with photographs (4-8) in sticker size and paste in your computer copy on plain page. Write the name of that storage device, types of storage (primary/secondary)



Thank you



MATA PUNNA DEVI

DAV SEN. SEC. PUBLIC SCHOOL ,KALANWALI

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**CLASS :VII**  
**HOME ASSIGNMENT**  
**2024-25**

• Enjoy •

## □ (English)

1. Read English newspaper daily at least two or three news to improve your reading and understanding skills.
2. Write daily two headlines from English newspaper on your H.A. copy (at least 10 days).
3. Write beautiful thought (English or Hindi) on a drawing sheet.
4. Prepare a greeting card for your father and gift this card to your father on 'Father's Day'.
5. Write your daily routine on your H.A. copy (To improve your handwriting).
6. Write some sentences by using the following words: temple, school, holidays, food, cricket, travel.
7. Write about Manipur's famous food, attire, festivals and dance with pictures on a chart paper.

### विषय- हिंदी

1. नए नए विषय पर अनुच्छेद लिखने का अभ्यास करें ।
2. मूल शब्द में उपसर्ग या प्रत्यय लगाकर नए शब्द बनाने का अभ्यास करें ।
3. भाषा अभ्यास पाठ 1 से 5 और पाठ 1 से 6 तक प्रश्नों के उत्तर याद करें ।
4. प्रतिदिन अखबार पढ़ें ताकि आपके सामान्य ज्ञान में वृद्धि हो सके ।
5. अलग-अलग विषय लेते हुए संवाद लिखने का प्रयास करें ।
6. नदी , पेड़ , फल , फूल , चांद , सूरज , बच्चे , धूप , छांव , शब्दों का प्रयोग करते हुए छोटी सी कविता लिखने का अभ्यास करें ।
7. समय का महत्व अनुच्छेद याद करें ।
8. नीचे दिए गए विषयों में से एक विषय पर सुंदर सा चार्ट बनाएं ।  
(क) संज्ञा व उसके भेद  
(ख) उपसर्ग और प्रत्यय  
(ग) अनुस्वार व अनुनासिक  
(घ) सर्वनाम व उसके भेद

### Maths

**Home Assignment No.1-** Practice all the sums of Unit-1 ,2,3

**Home Assignment No.2-** Solve all examples of

Unit-1,2,3

**Home Assignment No.3-** Solve one sudoku (puzzle) daily from the newspaper /magazine/ mobile.

**Home Assignment No.4-** Write the definition of natural number, whole number, integer, rational number, positive rational number and negative rational number with example on A4 sheet.

**Home Assignment No.5-** Solve the brain teasers of Unit -1, 2,3

**Home Assignment No.6 -** Make a frayer model on topic ' Rational Number'

**Home Assignment No. 7 -** Make a model on 'Geometrical City 'by using different shapes.

### Science

\*1\* . Learn elements 1-20 of periodic table.

\*2\* . Explain the following with the help of colourful diagrams

- . Saprophytic nutrition
- . Parasitic nutrition
- . Insectivorous plants on chart paper.( roll no.1- 6)

- \*3\* . Write all the modes of nutrition with examples. Paste pictures related to them on chart paper.( roll no 7-12)
- \*4\* Make a 3-d model of human teeth with the help of waste materials (roll no 13- 18)
- \*5\* . Make a model on the photosynthesis process( roll no 19-24)
- \*6\* . Make a model on the human digestive system(roll no 25-30)
- \*7\* . Make a model on the respiratory system(roll no 31-36)
- \*8\* .Revise Ch- 1,2,3 for periodic test 1.

### Social science

Instructions:-

-All holiday assignments must be completed neat and clean by the student.

- All assignments will be done or pasted in a scrapbook.

HA -1 Read ch 1 and 2 and frame MCQ from the chapter.

HA -2 Learn part A,B,C of Ch 9,10,18 and 19

HA -3 Write five slogans for 'Save Environment' 'Save Earth' or Ecological Balance'

HA -4 Collect the pictures of various features formed by various agents of gradation and weathering. Paste them in a scrapbook (group Activity)

HA -5 Write the preamble of Indian Constitution given on page no. 149

HA -6 On the map of India fill and colour all states and paste in scrapbook

HA- 7 On the map of the world fill and colour all continents and paste in scrapbook.

HA -8 Collect the pictures of all Chief Ministers/ Governors of our paired state Manipur and paste on the Scrap Book.

### Punjabi

- 1) ਧੰਜਾਬੀ ਧਾਠ ਧੁਮਤਰ ਰਿਲਰਾਗੀ page 11 ਕੁਝ ਗੋਰ ਕੀਟੇ ਦੇ ਧਰਮਨ ਉੱਤਰ ਕਰਨੇ।
- 2) ਧੇਜ 18 ਉੱਤੇ ਦਿੱਤੇ ਚਿੱਤਰ ਨੂੰ ਦੇਖ ਕੇ  
30-40 ਸ਼ਬਦਾਂ ਦਾ ਇੱਕ ਧੈਰਾ ਲਿਖੋ।
- 3) ਮਗਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਥਾਠੇ ਕੋਈ ਗੋਰ ਕਰਾਈ ਧੜੇ ਤੇ ਉਮਨੂੰ ਜਮਾਤ ਵਿੱਚ ਸੁਣਾਉਣ ਲਈ ਤਿਆਰ ਕਰੇ
- 4) ਆਧਣੇ ਦੰਦਾਂ ਦੀ ਸੰਭਾਲ ਥਾਠੇ ਮਾਨੂੰ ਕੀ ਕੀ ਕਰਨਾ ਚਾਹੀਦਾ ਹੈ ਇਸ ਥਾਠੇ ਵਿੱਚ 10 ਲਾਈਨਾਂ ਲਿਖੋ।
- 5) ਆਧਣੀ Home assignment ਕਾਠੀ ਤੇ ਸੁੰਦਰ ਲਿਖਾਈ ਵਿੱਚ ਦਸ ਲੇਖ ਲਿਖੋ
- 6) ਆਧਣੀ ਧਰਮਦ ਦੀਆਂ ਧੰਜ ਸਥਜੀਆਂ ਤੇ ਧੰਜ ਫਲਾਂ ਦੇ ਨਾ ਲਿਖੋ।
- 7) ਛੁੱਟੀਆਂ ਵਿੱਚ ਤੁਸੀਂ ਕਿੱਥੇ ਕਿੱਥੇ ਗਏ ਉਹ ਦੇ ਥਾਠੇ 10 ਲਾਈਨਾਂ ਲਿਖੋ।

### धर्मशिक्षा

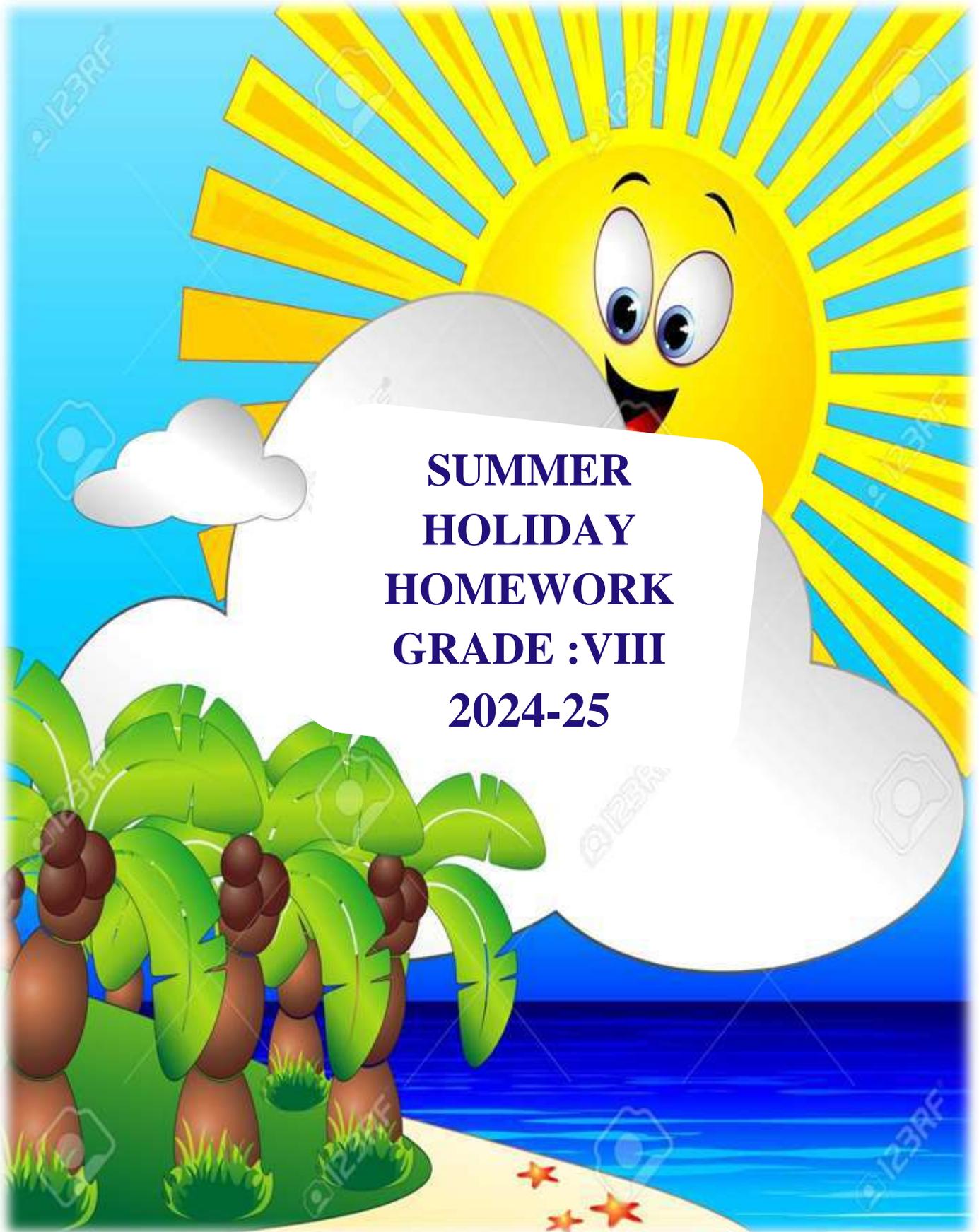
1. सभी विद्यार्थी नित्य गायत्री मंत्र का जाप करें।
2. विद्यार्थी छुट्टियों में एक पौधा ज़रूर लगाएँ।
3. छुट्टियों में पशु- पक्षियों के लिए पीने के पानी का प्रबंध करें।
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5. विद्यार्थी घर पर एक निश्चित समय सारिणी का उपयोग करें।

### **COMPUTER**

1. Revise Chapter 1-2.
2. PROJECT-Using Internet (Google search engine) or from newspaper, Magazines etc. find out the name of various Memory storage devices, Name with photographs (8-12) in sticker size and paste in your computer copy on plain page. Write the name of that storage device, types of storage (primary/secondary)



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**SUMMER  
HOLIDAY  
HOMEWORK  
GRADE :VIII  
2024-25**

SUBJECT	ASSIGNMENTS
<b>ENGLISH</b>	<ol style="list-style-type: none"> <li>1. Watch Discovery channel and National Geography channel to improve your English.</li> <li>2. Make a delicious sweet dish on 'Father's Day' specially for your father and write its recipe.</li> <li>3. Prepare a beautiful chart on 'International Yoga Day'. Also write some benefits of Yoga.</li> <li>4. Write a Speech on Nature Conservation and Value of Sports and Games in Student's Life</li> <li>5. Read English newspaper daily. Underline some different words and write their meaning in your H.A. Notebook by using dictionary.</li> <li>6. Read L-4 'Father's Help' of your own and prepare some extra question/ans.in your H.A notebook</li> <li>7. Write beautiful thoughts on a drawing sheet</li> <li>8. Write a report on the 18th Lok Sabha election.</li> </ol>
<b>HINDI</b>	<ol style="list-style-type: none"> <li>1) ज्ञान सागर पेज नंबर 1 पर दिए गए शब्द अर्थ लिखो और याद करो।</li> <li>2) पाठ 1 'हम पंछी उन्मुक्त गगन के' के प्रश्न उत्तर याद करना।</li> <li>3) ज्ञान सागर पेज 9 पर प्रश्न 6 को हल करना।</li> <li>4) तेनाली रामा या बीरबल की बुद्धिमानी से भरी कहानियां पढ़ना और उन में से कोई एक कक्षा में सुनाने के लिए तैयार करना।</li> <li>5) Home assignment कॉपी पर सुन्दर लिखाई में 10 सुलेख लिखने।</li> <li>6) पाठ 6 'आश्रम के अतिथि और संस्मरण' के प्रश्न उत्तर याद करने।</li> <li>7) 'उपसर्ग- प्रत्यय' या ' अनुस्वार -अनुनासिक' शब्दों में से किसी एक पर चार्ट बनाना।</li> <li>8) हरियाणा और उसके जोड़ीदार राज्य मणिपुर के लोकनृत्य की जानकारी इकट्ठी करनी और तस्वीरों सहित स्क्रेप बुक पर लगाना ।</li> </ol> <p><b>Home Assignment No.1-</b> Practice all the sums of Unit-1,2,3,4</p> <p><b>Home Assignment No.2-</b> Solve the brain teasers of Unit-1,2,3,4</p> <p><b>Home Assignment No.3-</b> Solve one sudoku (puzzle) daily from the newspaper /magazine/ mobile.</p> <p><b>Home Assignment No.4-</b> Make a 'Wheel foldable' on ' law of exponents'</p>
<b>MATHS</b>	<p><b>Home Assignment No.5 -</b> Do all examples of Unit -1, 2,3,4</p> <p><b>Home Assignment No.6 -</b> Make a frayer model on the following topics</p> <ul style="list-style-type: none"> <li>● Square and square roots (Roll no. 1 to 9)</li> <li>● Cube and cube roots (Roll no. 10 to 18)</li> <li>● Exponents and Radicals (Roll no. 18 to 27)</li> <li>● Direct and Inverse Variation (Roll no . 27 to 30)</li> </ul> <p><b>Home Assignment No.7 -</b> Make a Geometrical park model by using different 2D shapes and 3D shapes.</p>

<b>SCIENCE</b>	<ol style="list-style-type: none"> <li>1. Make a chart or model on any of the topics related to syllabus. Some of the examples are like: Plant cell, Animal cell, Paramecium, Euglena etc.</li> <li>2. <b>ACTIVITY:</b> <ol style="list-style-type: none"> <li>a) Take a cucumber slices.</li> <li>b) Sprinkle some salt on it.</li> <li>c) Observe.</li> <li>d) After few minutes the water will come out from the slices and they lose their shape.</li> <li>e) Analyze the reason for the observations.</li> </ol> </li> <li>3. Write a slogan and design a poster for the theme “save Earth save life ”.</li> <li>4. Collect information about various heritage buildings that are being affected by air pollution.</li> <li>5. Plant a sapling and paste your picture in home assignment notebook.</li> <li>6. Revise all chapters done in the classroom and complete your notebook.</li> </ol>
<b>SOCIAL SCI.</b>	<p>All holiday assignments must be completed neat and clean by the student. - All assignments will be done or pasted in a scrapbook.</p> <p>HA -1 Read ch 2 and 3 of Geography and frame MCQ from the chapter. HA -2 Learn Q/and of ch 8 and 10 of History HA -3 Write five slogans of famous Freedom Fighters HA -4 Make Model of renewable and non renewable sources of energy(Chapter 4) (group Activity) or Modern Methods of agriculture and Irrigation. HA -5 Write the preamble of Indian Constitution HA -6 Paste the pictures of social reformers of India (Chapter 12) HA- 7 Make a collage of Schemes Started for marginalized people of India (Chapter 22) HA -8 Collect the pictures of Tribals of Manipur and paste them in the Scrapbook with information about that Tribal Group.</p>
<b>PUNJABI</b>	<p>ਕਿਲਕਾਰੀ-7</p> <ol style="list-style-type: none"> <li>1.ਕਵਿਤਾ 'ਸੂਰਜ ਦਾ ਗੀਤ' ਯਾਦ ਕਰਨੀ।</li> <li>2.ਕਵਿਤਾ 'ਸੂਰਜ ਦਾ ਗੀਤ' ਪੇਜ ਨੰਬਰ-27 (ੳ)ਪਾਰਟ ਦਾ ਪੈਰਾ ਯਾਦ ਕਰਨਾ।</li> <li>3.page No-37 ਪੈਰੇ ਵਿੱਚੋਂ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਲੱਭਣੇ।</li> <li>4.ਪਾਠ-2 ਨੇਕੀ ਦਾ ਫਲ read.</li> <li>5.L-7 ਪਾਂਡੀ ਪਾਤਸ਼ਾਹ ਸ਼ਬਦ ਅਰਥ ਯਾਦ ਕਰਨੇ।</li> <li>6.ਵਿਆਕਰਣ ਪੁਸਤਕ- ਅਗੇਤਰ 1-10 ਯਾਦ ਕਰਨੇ।</li> <li>7.ਪਿਛੇਤਰ 1-10 ਯਾਦ ਕਰਨੇ।</li> <li>8.ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਜੀ ਦੀ ਤਸਵੀਰ ਡਰਾਇੰਗ ਸ਼ੀਟ ਤੇ ਜਾਂ ਚਾਰਟ।</li> </ol>

<b>NAITIK SHIKSHA</b>	<ol style="list-style-type: none"> <li>1. सभी विद्यार्थी नित्य गायत्री मंत्र का जाप करें ।</li> <li>2. विद्यार्थी छुट्टियों में एक पौधा ज़रूर लगाएँ।</li> <li>3. छुट्टियों में पशु- पक्षियों के लिए पीने के पानी का प्रबंध करें ।</li> <li>4. विद्यार्थी पाँच अच्छी आदतें लिखकर उनका पालन करें ।</li> <li>5. विद्यार्थी पाठ एक से सात तक के कठिन शब्द लिखें ।</li> <li>6. विद्यार्थी अपनी उत्तर पुस्तिका पूर्ण करें ।</li> <li>7. डीएवी गान याद करें ।</li> </ol>
<b>COMPUTER</b>	<ol style="list-style-type: none"> <li>1. Revise Chapter 1-2.</li> <li>2. Collect pictures of different types of Wired and Wireless Networking Technology. Paste them on A4 Size Papers neatly &amp; write the name of the respective pictures correctly.</li> </ol>



***If you approach your summer vacation with the same attitude you do your schoolwork, I'm sure it will be pleasurable.***



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**SUMMER**  
**HOLIDAY**  
**HOMEWORK**  
**GRADE :IX**  
**2024-25**

## Hindi

- 1) पाठ 1 दो बैलों की कथा के शब्द अर्थ कॉपी पर लिखने व याद करने।
- 2) क्षितिज पाठ 2 पेज 31 पर दिए गए गद्यांश को पढ़कर प्रश्नों के उत्तर लिखने।
- 3) पाठ 2 लहासा की ओर के शब्द अर्थ कॉपी पर लिखने व याद करने।
- 4) 'अर्थ के आधार पर वाक्य भेद' या 'उपसर्ग और प्रत्यय' किसी एक विषय पर चार्ट बनाओ।
- 5) अपनी कॉपी पर सुन्दर लिखाई में 10 सुलेख लिखो।
- 6) पाठ 'सबद और साखियां' के शब्द अर्थ लिखने व याद करने।
- 7) अपने पाठ 'लहासा की ओर' पढ़ा। यह एक यात्रा वृत्तांत है। इसी तरह आप छुट्टियों में जिस जगह गए उस अनुभव को लिखो।
- 8 हरियाणा के जोड़ीदार राज्य मणिपुर के साथ विशेषताओं के आधार पर जैसे खानपान, रहन सहन, वेशभूषा, भाषा, रिती रिवाज आदि की तुलना करते हुए एक फाइल तैयार करनी

## Subject -Mathematics

1. Complete your Fair note book.
2. Make a activity chart on polynomials.
3. Write and solve 20-20 MCQs on chapter number system and on chapter polynomials.
4. Solve case based study questions.
5. Make a project on a comparison of mortality ratio and economic growth of a pair States ( Haryana and Manipur)
6. Make a maths project on **anyone** topic from the following:  
(i). 3-D shapes. (ii). Triangles. (iii). Quadrilaterals. (iv). Polynomials. (v). Number System.

### (Chemistry)

1. Prepare a working model on any one topic given below:-
  - Sublimation process
  - Bohr's model of an atom
  - Atomic structure of Cl,Na,Mg or any other atom
  - Uses of chemistry in everyday life
  - Any other relevant topic from syllabus.
2. Revise Chapter 1 Matter in our surroundings  
Chapter 2 Is Matter Around us Pure?

### Biology

- (1) Write all intext and Exercise question answer in fair copy.
- (2) Make any one chart or model on any one of the following:---
  - (a) plant and animal cell
  - (b) Types of cells
  - (c) A compound microscope
- (3) Plant a sapling during vacations and paste your pic on home assignment copy.,,
- (4) Do all the activities done or discussed in the class.
- (5) Do osmosis using material other than used in the school.
- (6) Make an Art integrated project/scrapbook/ppt on vegetation or fauna ( animals) of pairing States Haryana and Manipur.

### (Physics)

Home assignment Grade IX (Physics)

- 1.Prepare a science Working model/Project for Science INSPIRE project on Any one topic given below
  - Green Energy
  - Disaster Management
  - Sustainable Development
  - AI in Science
  - Any other relevant topic This will be an individual activity. The best project along with synopsis will send to next level in which(if selected) centre Govt.Will provide Rs.10000 through DTBAC.

2. Draw Mind/Concept Map on a chart on Any one topic given below

- Types of motion.
- Speed & Velocity

### SUBJECT: ENGLISH

Q1) Prepare a chart showing the past school system and present school system keeping in mind the chapter, 'The Fun they Had'.

Q2) Design a brochure for the chapter 'The Sound of Music'.

Q3) Write diary entry by describing a beautiful day spent outside with family during summer break on a scrap book page/ on A4 size sheet.

Q4) Prepare a chart on any one of the following:

- Poster on save tree save environment.
- Famous thought or quote.
- Poet / writer's biography.

Q5) Prepare a project file related to comparison of our state Haryana with Manipur showing the difference in various ways.

Q6) Draw a beautiful poster on 'Drug Abuse'.

### Punjabi

□ ਘਾਠ ਯੁਮਤਰ ਵੰਨਗੀ

ਘਾਠ -ਜਨਮਦਿਨ ,ਸਾਂਝੀ ਰੰਧ ਯਾਤੇ ਬਸ ਰੰਡਰਟਰ ਦੇ ਯੁਮਨ ਉੱਤਰ ਯਾਦ ਰਹੇ ।

□ ਰਵਿਤਾ ਭਾਗ

ਰਵਿਤਾ ਸਮਾਂ ਯਾਤੇ ਵਿਸਾਖੀ ਦਾ ਭੇਲਾ ਦੀ ਯੁਮੰਗ ਸਹਿਤ ਵਿਯਾਖਿਆ ਯਾਦ ਰਹੇ

□ ਵਿਯਾਰਨ

ਬਹੁ-ਯਾਰਬਰ ਸਬਦ ਯਾਦ ਰਹੇ ।

ਯਾਗੇਤਰ ਯਿਛੇਤਰ ਸਬਦਾਂ ਦਾ ਯਭਿਯਾਮ ਰਹੇ ।

ਵਿਰੋਧੀ ਸਬਦ ਯਾਦ ਰਹੇ ।(1 ਤੋਂ 30)

### SUBJECT SOCIAL SCIENCE

Instructions:-

-All holiday assignments must be completed neat and clean by the student.

- All assignments will be done or pasted in a scrapbook.

HA -1 Read ch 1 ,2 and 3 of Geography and frame MCQ from the chapter.

HA -2 Learn Q/ans of ch. 1 and 2 of Civics

HA -3 On an Outline Map of India Mark and color Mountain peaks and passes

HA -4 Make a Chart of Council of Ministers and Cabinet Ministers of 18th Lok Sabha (group Activity) Or Make a Constitution for your Class under the title CLASS CONSTITUTION.

HA -5 Write the preamble of Indian Constitution and make a collage of members of constituent assembly

HA -6 On the Outline Map of the World Mark and color Democratic Countries.

HA- 7 Prepare a Project File of Disaster Management

HA -8 Prepare a PPT on any Topic of your choice

### Artificial Intelligence

Write down following python programs in your computer notebook.

1.

```
# wap area of rectangle
l=int(input("length in cm"))
b=int(input("breadth in cm"))
a=l*b
print("your area rectangle is:",a,"cm^2")
```

## 2.WAP AREA OF CIRCLE

```
r=int(input("enter your radius"))
a=3.14*(r*r)
print("your area is:",a)
```

## 3.WAP AREA OF CUBOID

```
l=int(input("enter length"))
b=int(input("enter breadth"))
h=int(input("enter height"))
a=2*(l*b+b*h+h*l)
print("the area is:",a)
```

## 4.WAP AREA OF CUBE

```
a=int(input("enter length of cube"))
x=6*(a*a)
print("the area of cube is:",x)
```

## 5.WAP CSA of Cylinder

```
r=int(input("enter radius"))
h=int(input("enter height"))
a=2*(3.14*(r*h))
print("your c.s.a is:",a)
```

## 6.WAP TOTAL SURFACE AREA OF CYLINDER

```
r=int(input("enter radius"))
h=int(input("enter height"))
a=2*3.14*r*(r+h)
print("area is:",a)
```

## 7.WAP TO CALCULATION OF $X^n$

```
a=int(input("enter number "))
b=int(input("enter power "))
c=a**b
print(c)
```

## 8.WAP AREA OF TSA OF CONE.

```
r=int(input("enter radius"))
l=int(input("enter slant height5"))
a=3.14*r*(l+r)
print("the tsa is:",a)
```

## 9.WAP AREA OF CSA OF CONE

```
r=int(input("enter radius"))
l=int(input("enter length"))
a=3.14*r*l
print("csa is:",a)
```

## 10.WAP GREATEST NO. IN THREE NO.

```
a=int(input("enter first no "))
b=int(input("enter second no "))
c=int(input("enter third no"))
if a>b:
    if a>c:
        print("the greatest no is:",a)
    else:
        print("the greatest no is:",c )
else:
    if b>c:
        print("the greatest no is:",b)
    else:
        print("the greatest no is:",c)
```

## 11.WAP TO CHECK DIVISION IN RESULT

```
a=eval(input("enter marks out Of 300 "))
b=a/300*100
print("percentage is",b,"%")
if(a>300):
    print("you entered a wrong marks")
elif b>60:
    print("your division is first")
elif(b>50 and b<53):
    print("your division is second")
elif(b>33 and b<50):
    print("your division is third")
else:
    print("fail")
```

## 12.SWAP TWO NO.

```
A=10
B=20
C=A
A=B
B=C
print("A=",A,"B=",B)
```

## 13. swap two no. without using third variable

```
A=10
B=20
A=A+B
B=A-B
A=A-B
print("A=",A,"B=",B)
```



MATA PUNNA DEVI  
**DAV SEN. SEC.PUBLIC SCHOOL, KALANWALI**  
(Managed by DAV College Managing Committee, New Delhi)



# Happy Summer Holidays.

Enjoy the summer  
with your close ones.



SUBJECT - ENGLISH

1.Design your own newspaper in English including important news on national events, international events, sports events etc. Try to frame the headlines and write the news in your own words and also give a unique name to the newspaper. Please note it should not be a cut and paste work.

2.Design a brochure for the poem , Dust of snow,Fire and Ice, A Tiger in the Zoo or taking any chapter of your choice completed till date.

3. Prepare Project work of Haryana with Manipur by comparing Languages, culture, food habits, tourist places etc .

4. Design a chart on any two of the given topics-

i)Tenses / Modals/ Reported Speech / Subject - verb Concord

ii) Choose any writer/ poet and draw/paste the images related to his / her works

iii)Harmful effects of fast food and junk food.

iv) SDG's Goals

विषय हिंदी ग्रीष्मावकाश गृह कार्य

1.क्रियाकलाप एक

नेताजी का चश्मा पाठ के आधार पर बताएं ,कि आपके शहर में कौन-कौन से प्रसिद्ध व्यक्तियों की मूर्तियां चौराहे पर लगी है ।आप उनकी देखभाल कैसे करेंगे ।

2. क्रियाकलाप दो

लोकतंत्र का पर्व मनाए ,वोट डालने जरूर जाएं ।विषय पर एक सुंदर विज्ञापन बनाइए ।

3.क्रियाकलाप तीन

बालगोबिन भगत पाठ के आधार पर हिंदी महीनों के नाम की सूची बनाइए

4.क्रियाकलाप चार

हिन्दी एकट्विटी

श्लेष अलंकार

उत्प्रेक्षा अलंकार

अतिशयोक्ति अलंकार

मानवीकरण अलंकार

\* दिए गए अलंकारों के 10 उदाहरण स्पष्टीकरण सहित लिखिए ।

5. कला समेकित परियोजना के अंतर्गत हरियाणा व मणिपुर का मिलान करते हुए दोनों राज्यों की भाषा व संस्कृति पर स्कुरैपबुक बनाएं ।

अथवा

वाक्य के प्रकारों को विस्तार से समझाते हुए प्रत्येक के दो दो उदाहरण लिखिए तथा इसे चार्ट द्वारा भी प्रदर्शित कीजिए ।

6.पठन और समीक्षा - पाठ्य पुस्तक क्षितिज में से 7,8,9, अध्यायों का सुक्ष्म अध्ययन करें। प्रत्येक अध्याय के बाद मुख्य पात्रों और घटनाओं पर ध्यान केंद्रित करते हुए अपनी राय व्यक्त करें ।

7.निबंध लेखन छुट्टियों के दौरान किए गए किसी अनुभव पर या "गर्मी की छुट्टियों का महत्व" या "मेरे प्रिय पुस्तक का परिचय" जैसे विषयों पर निबंध लिखें ।

8.भाषण या वाद-विवाद प्रतियोगिता

"पुस्तकें क्यों पढ़ें?" या "हिंदी भाषा का महत्व" जैसे विषयों पर भाषण या वाद-विवाद की तैयारी करे ।

गर्मी की छुट्टियों के बाद इसे गतिविधि कालांश में प्रस्तुत किया जाएगा ।

1. Prepare a science Working model for Science INSPIRE project on Any one topic given below

- Green Energy
- Disaster Management
- Sustainable Development
- AI in Science
- Any other relevant topic

This will be an individual activity. The best project along with synopsis will send to next level in which(if selected) centre Govt. Will provide Rs.10000 through DTBAC.

2. Make a science project for the CBSE regional/National level science Exhibition on Any one of the given topics

☒ Mathematical computing

☒ Green Energy

☒ Agriculture technology

☒ AI

☒ How science makes life easy.

3. Complete practical file(Physics, Chemistry & Biology)

### Chemistry

1. Prepare a working model on any one topic given below:-

- Electrolysis of Water
- Way to learn Element and Symbol
- Atomic structure of any compound
- Any other relevant topic given in syllabus

2. Revise Chapter 1 and Chapter 2

3. Write the name of some (at least 10) chemical compounds that you use in your day to day life. Classify them as acids, bases and salts

### Biology

(1) Write all intext and Exercise question answer in fair copy.

(2) Make notes of the chapter -- Life processes.

(3)\* Observe different kinds of nutrition in various organisms and write your observations in home assignment copy.

\* Note down your pulse rate during exercise and in general and note down the observation.

(4) Make a model or chart on any one of the following:--

(a) Human digestive system.

(b) leaf showing Stomata.

(c) human respiratory system.

(d) human heart

(e) Human, Excretory system.

(f) Structure of Nephron.

(5) Plant a sapling during vacations and paste your pic in the home assignment copy.

(6) Art integrated project/ scrap book or PPT on comparison of vegetation and fauna among pairing states Haryana and Manipur.

### SOCIAL SCIENCE

GEOGRAPHY:

CHAPTER: 1- RESOURCES AND DEVELOPMENT

I. Answer the following questions:

1. What is a Resource?

2. What is Sustainable Development?

3. Write about the first Earth summit.

4. Write about Agenda-21.

❖ On an outline physical map of India Mark and Label: MAJOR SOIL TYPES ( Textbook page no: 9 )

## ECONOMICS

### CHAPTER 1- DEVELOPMENT

1. What is Human Development Index?
2. What is the Infant Mortality Rate?
3. What is Literacy rate?
4. What is Net Attendance Ratio?
5. Collect latest information related to India:
  - A. Infant Mortality Rate
  - B. Literacy rate
  - C. Rank on Human Development Index
  - D. Net Attendance Ratio

## CIVICS

1. Working process of Local government in Rural and Urban areas. (Make a flow chart)

If you live in a village, find out the name of the following: your panch or ward members, your sarpanch, your panchayat samiti, chairperson of zila parishad.

If you live in urban areas, find out the name of your municipal councilor

## HISTORY

### CHAPTER 1- THE RISE OF NATIONALISM IN EUROPE

Activity:-

Timeline chart of important dates in your fair notebook

Mind map of the topic

Project work

Every student has to compulsory undertake one project on

Consumer Awareness

OR

Social Issue

OR

Sustainable Development

● Activity:- Every child must plant at least one plant on the school campus on 5th June (World Environment Day) and take a pic / selfie while planting it. Send the pic to me.

● Make a model of the following topics (pair of 10 students)

1. Save trees ♻️, save energy, save earth ♻️
2. Rain water harvesting
3. Sectors of the economy
4. Local government structure.

Note:- any one model of the above topic (section wise)

● Art integrated project/PPT/Scrap book with pairing state Haryana and Manipur (pair of 5 students)

## MATHS

1 Draw a mind map of Real Numbers on chart paper and decorate its border with art of Manipur.

2. Prepare three types of pair of Linear equations in two variables and draw the graphs on a scrapbook.

3. Make case study questions of Quadratic Equations and co-relate With Real Life. Use Scrap book or Chart

4. Write three Lab Manuals (Akash) Activities of Chapter 1st, 2nd and 3rd.

5. Relate any one of the Summer break activity with Maths and write on an A4 size sheet with the use of geometric figures.

6. To make project (Working Model,)

Circles and tangents

Probability

### Artificial Intelligence

Write down following python programs in your computer notebook.

```
# wap area of rectangle
l=int(input("length in cm"))
b=int(input("breadth in cm"))
a=l*b
print("your area rectangle is:",a,"cm^2")
```

### WAP AREA OF CIRCLE

```
r=int(input("enter your radius"))
a=3.14*(r*r)
print("your area is:",a)
```

### WAP AREA OF CUBOID

```
l=int(input("enter length"))
b=int(input("enter breadth"))
h=int(input("enter height"))
a=2*(l*b+b*h+h*l)
print("the area is:",a)
```

### WAP AREA OF CUBE

```
a=int(input("enter length of cube"))
x=6*(a*a)
print("the area of cube is:",x)
```

### WAP CSA of Cylinder

```
r=int(input("enter radius"))
h=int(input("enter height"))
a=2*(3.14*(r*h))
print("your c.s.a is:",a)
```

### WAP TOTAL SURFACE AREA OF CYLINDER

```
r=int(input("enter radius"))
h=int(input("enter height"))
a=2*3.14*r*(r+h)
print("area is:",a)
```

### WAP AREA OF CSA OF CONE

```
r=int(input("enter radius"))
l=int(input("enter length"))
a=3.14*r*l
print("csa is:",a)
```

### WAP AREA OF TSA OF CONE.

```
r=int(input("enter radius"))
l=int(input("enter slant height5"))
a=3.14*r*(l+r)
print("the tsa is:",a)
```

## WAP TO CALCULATION OF $X^n$

```
a=int(input("enter number "))
b=int(input("enter power "))
c=a**b
print(c)
```

## WAP GREATEST NO. IN THREE NO.

```
a=int(input("enter first no "))
b=int(input("enter second no "))
c=int(input("enter third no"))
if a>b:
    if a>c:
        print("the greatest no is:",a)
    else:
        print("the greatest no is:",c )
else:
    if b>c:
        print("the greatest no is:",b)
    else:
        print("the greatest no is:",c)
```

## WAP TO CHECK DIVISION IN RESULT

```
a=eval(input("enter marks out Of 300 "))
b=a/300*100
print("percentage is",b,"%")
if(a>300):
    print("you entered a wrong marks")
elif b>60:
    print ("your division is first")
elif(b>50 and b<53):
    print("your division is second")
elif(b>33 and b<50):
    print("your division is third")
else:
    print("fail")
```

## # SWAP TWO NO.

A=10

B=20

C=A

A=B

B=C

print("A=",A,"B=",B)

## # swap two no. without using third variable

A=10

B=20

A=A+B

B=A-B

A=A-B

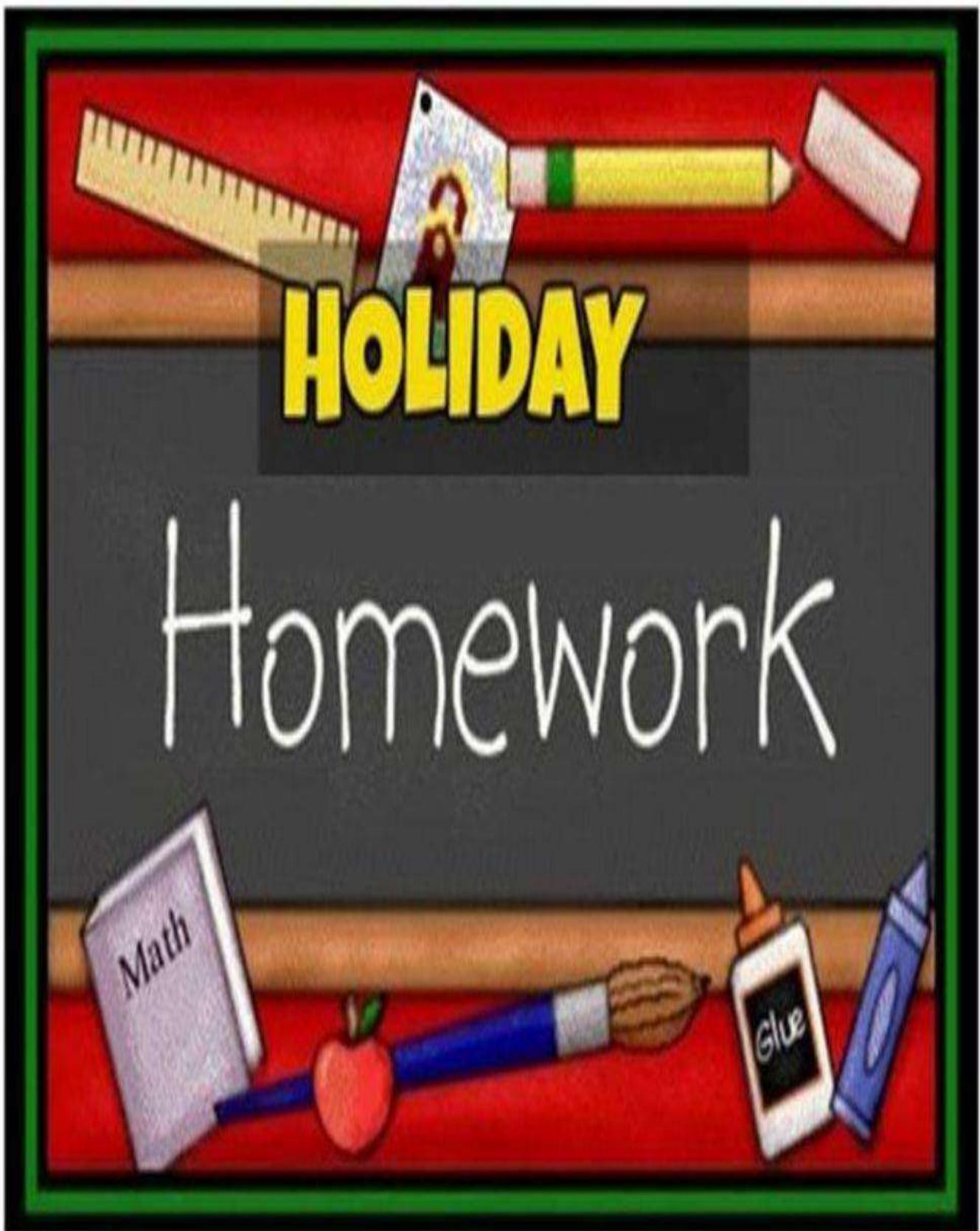
print("A=",A,"B=",B)



MATA PUNNA DEVI  
**DAV SEN. SEC.PUBLIC SCHOOL ,KALANWALI**  
(Managed by DAV College Managing Committee , New Delhi )

***SUMMER HOLIDAYS  
HOMEWORK  
GRADE: XI  
(HUMANITIES)  
2024-25***





**If you approach your summer vacation with the same attitude you do your schoolwork, I'm sure it will be pleasurable. ...**

## ENGLISH

### 1. Note Making Read the passage given below:

**BALANCING THE SCALES** Artificial intelligence (AI) is making a difference to how legal work is done, but it isn't the threat it is made out to be. AI is making impressive progress and shaking up things all over the world today. The assumption that advancements in technology and artificial intelligence will render any profession defunct is just that, an assumption and a false one. The only purpose this assumption serves is creating mass panic and hostility towards embracing technology that is meant to make our lives easier. Let us understand what this means explicitly for the legal world. The ambit of AI includes recognizing human speech and objects, making decisions based on data, and translating languages. Tasks that can be defined as 'search-and-find' type can be performed by AI. Introducing AI to this profession will primarily be for the purpose of automating mundane, tedious tasks that require negligible human intelligence. The kind of artificial intelligence that is employed by industries in the current scene, when extended to the law will enable quicker services at a lower price. AI is meant to automate a number of tasks that take up precious working hours lawyers could be devoted to tasks that require discerning, empathy, and trust qualities that cannot be replicated by even the most sophisticated form of AI. The legal profession is one of the oldest professions in the world. Thriving over 1000 years; trust, judgement, and diligence are the pillars of this profession. The most important pillar is the relationship of trust between a lawyer and clients, which can only be achieved through human connection and interaction. While artificial intelligence can be useful in scanning and organizing documents pertaining to a case, it cannot perform higher-level tasks such as sharp decision making, relationship-building with valuable clients and writing legal briefs, advising clients, and appearing in court. These are over and above the realm of computerization. The smooth proceeding of a case is not possible without sound legal research. While presenting cases lawyers need to assimilate information in the form of legal research by referring to a number of relevant cases to find those that will favour their client's motion. Lawyers are even required to thoroughly know the opposing stand and supporting legal arguments they can expect to prepare a watertight defence strategy. AI, software that operates on natural language enables electronic discovery of information relevant to a case, contract reviews, and automation generation of legal documents. AI utilizes big-data analytics which enables visualization of case data. It also allows for creation of a map of the cases which were cited in previous cases and their resulting verdicts, as per the website Towards Data Science. The probability of a positive outcome of a case can be predicted by leveraging predictive analytics with machine learning. This is advantageous to firms as they can determine the return on investment in litigation and whether an agreement or arbitration should be considered.

(a) On the basis of your understanding of the above passage, make notes on it using headings and subheadings. Use recognizable abbreviations (wherever necessary- minimum four) and a format you consider suitable. Also supply an appropriate title to it. (5)

(b) Write a summary of the passage in about 80 words. (3)

2. Design a poster on the theme of "Climate change and the world in 2050".

3. Practise MCQs of the chapters/poems done in the class.

4. Design a pictorial presentation on the poem, 'A photograph'.

5. Write main highlights of the chapter, 'The Portrait of a lady/ we are not afraid to die.'

6. Design a brochure or paper quilling on the chapter, 'The Summer of the beautiful white horse'.

7. Do a brief research work on the chapter of your choice and submit it as a Project work.

8. Cut and paste the different types of advertisements from the newspapers and paste it on the chart or prepare it as a brochure.

OR

Prepare a scrap book/ file with various kinds of advertisements

9. Draw a beautiful poster on 'Drug Abuse'.

## HISTORY

Read the chapter 1,2 carefully and find out the following question answer

1 What was the theme of the Gilgamesh epic?

2 What were the uses of writing in Mesopotamia civilization?

- 3 What were the various ways for movement of good into cities?
- 4 What was the condition of infrastructure during Roman Empire?
- 5 Write in detail about the role of Army in Roman Empire?
- 6 Compare the Roman cities and villages with your own town and civilization.
- 7 Which is the most important event in Roman history impressed you. Give reasons
- 8 What is town planning? Discuss the town planning of city Ur.
- 9 Choose at least one ancient civilization from a different continent and explore the architectural. Compare it with the Hindu valley civilization. Find out what are the similarities and differences we found in architecture.

## **ECONOMICS**

### Statistics of Economics:

#### Unit 1

1. Meaning of Statistics and features of Statistics.
2. Importance of statistics in economics
3. Limitation of statistics
4. Scope of Statistics in Economics

#### Unit 2

1. Collection of data  
Primary and Secondary source of data
2. Methods of collecting primary source of data and secondary sources of data
3. Census and sample method of collection of data

#### Learning by doing

- You are studying in a school which is nearly 20 km away from your home town. As a student you are keen to collect statistical information relating to literacy rate in your town. Which mode of data collection will you prefer to adopt? Give reason in support of your answer.
- Every student Make an ideal Questionnaire on A4 size sheet in printing form.
- You want to conduct a survey on the popularity of Noodles/Fast food among the students of different schools in your town. How would you design and choose your sample of study? Give reason in support of your answer.

#### Unit 3 Measures of Central Tendency (Mean, Median, mode)

1. Solve all numerical in your fair note book.
2. Make Ogive curve and Histogram in your fair note book.

#### Project work(20 marks)

Every student has to compulsory undertake one project as suggested by CBSE.

Suggestive list of Projects.....

## **MUSIC**

1. Complete Practical file with mention the Date and Index

\* Topic - Aktaal ,chautal, Teental

Introduction

(Akgun ,Dugun,chugun)

\*Topic - Raag Bhairavi, Raag

## POLITICAL SCIENCE

### Indian Constitution at Work

#### 1. **\*\*Preamble Analysis\*\***

- Analyze the Preamble of the Indian Constitution.
- Discuss the significance of each part of the Preamble: Sovereign, Socialist, Secular, Democratic, Republic.

#### 2. **\*\*Fundamental Rights and Duties\*\***

- List the Fundamental Rights provided by the Indian Constitution.
- Discuss the importance of Fundamental Duties.
- Provide a real-life example of how one Fundamental Right and one Fundamental Duty are applied in India.

#### 3. **Structure and Functions\*\***

- Explain the structure and functions of the Parliament of India.
- Discuss the role of the Lok Sabha and Rajya Sabha in the legislative process.

#### 4. **Current Affairs -Recent Political Events**

- Choose a recent political event in India
- Describe the event and analyze its impact on Indian politics.

#### 5. **Comparative Study\*\***

- Compare the political systems of India and another democratic country of your choice.
- Highlight the key differences and similarities.

#### 6. **Revise lessons 1,3,4,5,6 and Make notes:**

Write down important points and summaries from the lessons

#### Project Work

#### 1. **Project: Role of Election Commission in Indian Democracy\*\***

- Research the role and functions of the Election Commission of India.
- Prepare a detailed report (800-1000 words) on how the Election Commission ensures free and fair elections in India.
- Include data, examples, and case studies to support your findings.
- News articles and journals for current affair.

Enjoy your summer break and happy learning!

1. **\*\*प्रस्तावनाविश्लेषण\*\***

- भारतीयसंविधानकीप्रस्तावनाकाविश्लेषणकरें।
- प्रस्तावनाकेप्रत्येकभागकामहत्वचर्चाकरें: संप्रभु, समाजवादी, धर्मनिरपेक्ष, लोकतांत्रिक, गणराज्य।

2. **\*\*मौलिकअधिकारऔरकर्तव्य\*\***

- भारतीयसंविधानद्वाराप्रदत्तमौलिकअधिकारोंकीसूचीबनाएं।
- मौलिककर्तव्योंकामहत्वचर्चाकरें।
- भारतमेंएकमौलिकअधिकारऔरएकमौलिककर्तव्यकेलागूहोनेकाएकवास्तविकउदाहरणदें।

3. **\*\*संरचनाऔरकार्य\*\***

- भारतीयसंसदकीसंरचनाऔरकार्योंकोसमझाएं।
- विधायीप्रक्रियामेंलोकसभाऔरराज्यसभाकीभूमिकापरचर्चाकरें।

4. **\*\*वर्तमानघटनाएँ - हालकीराजनीतिकघटनाएँ\*\***

- भारतमेंहालकीएकराजनीतिकघटनाकाचयनकरें।
- घटनाकावर्णनकरेंऔरभारतीयराजनीतिपरइसकेप्रभावकाविश्लेषणकरें।

5. **\*\*तुलनात्मकअध्ययन\*\***

- भारतऔरकिसीअन्यलोकतांत्रिकदेशकीराजनीतिकप्रणालियोंकीतुलनाकरें।
- प्रमुखअंतरऔरसमानताओंकोउजागरकरें।

6. **\*\*पाठ 1, 3, 4, 5, 6 कोदोहराएंऔरनोट्सबनाएं\*\***

- पाठोंसेमहत्वपूर्णबिंदुऔरसारांशलिखें।

**\*\*प्रोजेक्टकार्य\*\***

1. **\*\*प्रोजेक्ट: भारतीयलोकतंत्रमेंचुनावआयोगकीभूमिका\*\***

- भारतीयचुनावआयोगकीभूमिकाऔरकार्योंपरशोधकरें।
- एकविस्तृतरिपोर्ट (800-1000 शब्द) तैयारकरेंकिचुनावआयोगभारतमेंस्वतंत्रऔरनिष्पक्षचुनावकैसेसुनिश्चितकरताहै।
- अपनेनिष्कर्षोंकासमर्थनकरनेकेलिएडेटा, उदाहरणऔरकेसस्टडीशामिलकरें।
- वर्तमानघटनाओंकेलिएसमाचारलेखऔरपत्रिकाओंकाउपयोगकरें।

अपनीगर्मियोंकीछुट्टियोंकाआनंदलेंऔरखुशहालअध्ययनकरें!

## 1. परियोजनाकार्य

- परियोजनाकार्यहिंदीभाषाऔरसाहित्यसेसंबंधितहो।

**\*\*प्रश्न:\*\*** हिंदीसाहित्यमेंऋतु-वर्णनअथवाऋतु-चक्रशीर्षकसेसंबंधितएकपरियोजनातैयारकरें।  
(छात्रअपनेपाठ्यक्रममेंनिर्धारितकविताओंकाप्रयोगकरनेसेबचें।)

**\*\*शीर्षक:\*\*** हिंदीसाहित्यमेंऋतु-वर्णनअथवाऋतु-चक्र

**\*\*परियोजनाकार्यकमसेकम 10 पेजपरकरनाहै।\*\***

- छात्रकानामः

- कक्षाः

- अनुक्रमांकः

- विद्यालयकानामः

- विषयाध्यापककानामः

- सत्रकानामः

- परीक्षककेहस्ताक्षरः

## 2. रिपोर्ट

आपकेशहरकेसामाजिकजीवन, संस्कृति, मानवीयसम्बन्धों, रखरखावआदिमेंपिछले 5 वर्षोंमेंक्यापरिवर्तनआएहैं।यहजाननेकेलिएऐसेपाँचवरिष्ठलोगोंसेबातचीतकीजिएजोपिछले 4-5 वर्षोंसेउसीजगहएकशिक्षक, दुकानदार, वकील, डॉक्टर, औरसरकारीकर्मचारीआदिकेरूपमेंकामकररहेहैं।उनसेयहजाननेकीकोशिशकीजिएकिपिछले 4-5 वर्षोंमेंआपकाशहरकितनाबदलगयाहै? बदलावसेवहाँकेसामाजिकजीवनपरक्याअसरपड़ाहै? बदलावमेंनगरनिगमकीक्याभूमिकारहीहै? स्थानीयसरकारकाइनबदलावोंमेंक्यायोगदानरहाहै?

\* जानकारीकेआधारपरलगभग 250 शब्दोंकीएकरिपोर्टतैयारकीजिए।

\* समस्तकार्य A4 आकारकीशीटपरकीजिए।

## 3. लेखन

### COMPUTER SCIENCE

Prepare assignment of following questions.

Q1.	Whatdothefollowingstandsfor? (a)ALU (b) RAM
Q2.	Definesecondarymemory.Giveoneexample
Q3.	WhatisanOperatingSystem?Giveoneexample.
Q4.	Definefollowingdevices. (a)MICR (b)OMR
Q5.	DifferentiatebetweenSystemSoftwareandApplicationSoftware.Giveone exampleforeach.
Q6.	Pythonwasdevelopedby ----- ?
Q7.	WritetwoadvantagesofPythonlanguage.

Q8.	Write any two rules for naming a variable in python.
Q9.	Name the method/function to display the value of a variable.
Q10.	Find the output of the following code: M=30 N=10 M,N =N**2,M* 2 Print(M,N)
Q11.	How are the following two statements different to each other? A=4,A==4
Q12.	What are relational and logical operators? Give two examples.
Q13.	Write the output of the following code: A=6 B=3 print(A * B) print(A**B)
Q14.	What is the wrong with following code? Write the correct code. A=input("Enter number1") B=int(input("Enter number2")) print(A+B)
Q15.	Write a program to radius from the user. Calculate and print the area of a circle.
Q16.	Write a program to input year from the user. Check and print year is leap year or not.
Q17.	What will be the output of the following code? X="ABC" if X=="abc":print("True") else: print("False")
Q18.	Write python program for finding area and perimeter of rectangle.
Q19.	How many times "Hello" will be printed in the following code? J = 7 while J < 7 print("Hello")
Q20.	Write the output of the following code: T = 16 A = 1 while T<=20: print(A) A = A +10 T = T - 2 else: print("OVER")
Q21.	Write the output of the following code: M = "10" if M == 10: print("OK") else: print("Cancel")
Q22.	What will be the output of the following code? T = 5 for E in range(5,1,-1): T = T + E print(T)

Q23.	Find the output of the following code. for L in "abcde": if L == 'a' or L == 'c': print("Hello") else: continue else: print("World")
Q24.	Predict the output of the following code. for J in range(1,25,5): if J == 20: break else:
Q25.	Perform the following conversions : (i) $(514)_8 = (?)_{10}$ (ii) $(220)_8 = (?)_2$ (iii) $(76F)_{16} = (?)_{10}$ (iv) $(11001010)_2 = (202)_{10}$

## MATHS

1. Draw a mind map of Set Theory on chart paper and decorate it.
2. Prepare an Activity of Venn diagram for Union and Intersection of two Sets.
3. Solve assignment of Sequence and series.
4. Write two Lab Manual Activities of Sets and Sequence and Series, submit them in a folder.
5. Relate any one of the activity of summer break with maths and write on an A4 size sheet with the use of geometric figures.

## PUNJABI

□ ਪਾਠ 1. (ਸੁਹਾਗ)

1. ਚੜ੍ਹਚੁਬਾਰੇ ਸੁੱਤਿਆ
2. ਬੇਟੀ, ਚੰਨਣ ਦੇ ਓਹਲੇ
3. ਦੇਈਂ ਦੇਈਂ ਵੇਬਾਬਲਾ
4. ਅੱਸੂ ਦਾ ਕਾਜਰਚਾ
5. ਹਰੀਏ ਨੀਰਸਭਰੀ ਏਖਜੂਰੇ
6. ਨਿਵੇਂ ਪਹਾੜਾਂ ਦੇ ਪਰਬਤ
7. ਸਾਡਾ ਚਿੜੀਆਂ ਦਾ ਚੰਬਾ
8. ਨਿੱਕੀ ਜਿਹੀ ਸੂਈ ਵੱਟਵਾਂ ਧਾਗਾ

ਇਹ ਨਾਂ ਲੋਕਗੀਤਾਂ ਦੇ ਕਾਵਿ ਟੇਟੇ ਨਾਲ ਸੰਬੰਧਤ ਪ੍ਰਸ਼ਨ ਉੱਤਰ ਯਾਦ ਕਰੋ ਅਤੇ ਪਾਠ ਪੁਸਤਕ ਵਿੱਚ ਦਿੱਤੇ ਗਏ ਛੋਟੇ ਉੱਤਰ ਵਾਲੇ ਪ੍ਰਸ਼ਨ ਉੱਤਰ ਵੀ ਯਾਦ ਕਰੋ।

□ ਦਫਤਰੀ ਸ਼ਬਦਾਵਲੀ

Learn A to E words.

□ ਮੁਹਾਵਰੇ ਯਾਦ ਕਰੋ

ਉਤੋਂ ਛੱਤੱਕ

□□□□□

ਪ੍ਰੋਜੈਕਟ ਫਾਈਲ ਤਿਆਰ ਕਰੋ-

## PHYSICAL EDUCATION

1. Prepare practical file for physical education on the topic of your choice given below :

a) Volleyball.

b) kho-kho.



MATA PUNNA DEVI  
**DAV SEN. SEC.PUBLIC SCHOOL, KALANWALI**  
(Managed by DAV College Managing Committee, New Delhi)

***SUMMER HOLIDAYS  
HOMEWORK  
GRADE: XI (COMMERCE)  
2023-24***



*Education is the passport to the future, for tomorrow belongs to those who prepare for it today.*

## ENGLISH

### 1 Note Making

Read the passage given below:

#### BALANCING THE SCALES

Artificial intelligence (AI) is making a difference to how legal work is done, but it isn't the threat it is made out to be. AI is making impressive progress and shaking up things all over the world today. The assumption that advancements in technology and artificial intelligence will render any profession defunct is just that, an assumption and a false one. The only purpose this assumption serves is creating mass panic and hostility towards embracing technology that is meant to make our lives easier.

Let us understand what this means explicitly for the legal world. The ambit of AI includes recognizing human speech and objects, making decisions based on data, and translating languages. Tasks that can be defined as 'search-and-find' type can be performed by AI.

Introducing AI to this profession will primarily be for the purpose of automating mundane, tedious tasks that require negligible human intelligence. The kind of artificial intelligence that is employed by industries in the current scene, when extended to the law will enable quicker services at a lower price. AI is meant to automate a number of tasks that take up precious working hours lawyers could be devoted to tasks that require discerning, empathy, and trust- qualities that cannot be replicated by even the most sophisticated form of AI. The legal profession is one of the oldest professions in the world. Thriving over 1000 years; trust, judgement, and diligence are the pillars of this profession. The most important pillar is the relationship of trust between a lawyer and clients, which can only be achieved through human connection and interaction.

While artificial intelligence can be useful in scanning and organizing documents pertaining to a case, it cannot perform higher-level tasks such as sharp decision making, relationship-building with valuable clients and writing legal briefs, advising clients, and appearing in court. These are over and above the realm of computerization. The smooth proceeding of a case is not possible without sound legal research. While presenting cases lawyers need to assimilate information in the form of legal research by referring to a number of relevant cases to find those that will favour their client's motion. Lawyers are even required to thoroughly know the opposing stand and supporting legal arguments they can expect to prepare a watertight defence strategy. AI, software that operates on natural language enables electronic discovery of information relevant to a case, contract reviews, and automation generation of legal documents.

AI utilizes big-data analytics which enables visualization of case data. It also allows for creation of a map of the cases which were cited in previous cases and their resulting verdicts, as per the website Towards Data Science. The probability of a positive outcome of a case can be predicted by leveraging predictive analytics with machine learning. This is advantageous to firms as they can determine the return on investment in litigation and whether an agreement or arbitration should be considered.

(a) On the basis of your understanding of the above passage, make notes on it using headings and subheadings. Use recognizable abbreviations (wherever necessary- minimum four) and a format you consider suitable. Also supply an appropriate title to it. (5)

(b) Write a summary of the passage in about 80 words. (3)

2. Design a poster on the theme of "Climate change and the world in 2050".

3 Practise MCQs of the chapters/poems done in the class.

4 Design a pictorial presentation on the poem, 'A photograph'.

5. Write main highlights of the chapter, 'The Portrait of a lady/ we are not afraid to die.

6. Design a brochure or paper quelling on the chapter, 'The Summer of the beautiful white horse'.

7. Do a brief research work on the chapter of your choice and submit it as a Project work.

8. Cut and paste the different types of advertisements from the newspapers and paste it on the chart or prepare it as a brochure.

OR

Prepare a scrapbook/ file with various kinds of advertisements.

## **ACCOUNTANCY**

(I) Collect different types of source documents and vouchers. Paste them on a Scrap Book .

(ii) Prepare a Chart on Accounting Cycle, Types of accounts according to American Approach

OR English Approach Or any other topic from Syllabus.

(iii) Practice of practical Questions from extra books ( Topic : Accounting Equation, Journal , Cash Book)

( iv) Learn topic 1st and 2nd ( Accounting fundamental and Basic Accounting Terms)

## **Business Studies**

(I) Prepare a project file on following topics : Classification of Business activities, Business Risk, Partnership, Company Organisation, Cooperative Societies, Banking, Insurance, GST, Internal Trade, MNC'S International Trade ( Import& Export) OR any other topic from Syllabus.

(ii) Prepare a chart on any topic from Syllabus.

(iii) Prepare MIND MAPS of unit I & Unit II on fair note book.

(iv) Revise MCQ'S, Assertion -Reason Based Questions & Case Based Questions from unit I and Unit II

(V) Prepare Unit I and Unit II for long test after summer vacation

## **Economics**

Statistics of Economics:

Unit 1

Meaning of Statistics and features of Statistics.

Importance of statistics in economics

Limitation of statistics

Scope of Statistics in Economics

Unit 2

Collection of data

Primary and Secondary source of data

Methods of collecting primary source of data and secondary sources of data

Census and sample method of collection of data

Learning by doing:-

You are studying in a school which is nearly 20 km away from your home town. As a student you are keen to collect statistical information relating to literacy rate in your town. Which mode of data collection will you prefer to adopt? Give reason in support of your answer.

- Every student makes an ideal Questionnaire on an A4 size sheet in printing form.
- You want to conduct a survey on the popularity of Noodles/Fast food among the students of different schools in your town. How would you design and choose your sample of study? Give reason in support of your answer.

Unit 3 Measures of Central Tendency (Mean, Median, mode)

Solve all numericals in your fair notebook.

Make Ogive curve and Histogram in your fair notebook

- Project work(20 marks)

Every student has to compulsory undertake one project as suggested by CBSE.

Suggestive list of Projects.....

## **Mathematics**

- MATHS
- Draw a mind map of Set Theory on chart paper and decorate it.
- Prepare an Activity of Venn diagram for Union and Intersection of two Sets.
- Solve assignment of Sequence and series.
- Write two Lab Manual Activities of Sets and Sequence and Series, submit them in a folder.
- 5 Relate any one of the activity of summer break with maths and write on an A4 size sheet with the use of geometric figures.

## **Physical Education**

- 1. Prepare practical file for physical education on the topic of your choice given below :
- a) Volleyball.
- b) kho-kho.

## **Hindustani Music (vocal)**

Complete Practical file with mention the Date and Index

\* Topic - Aktaal , chautal, Teental

( Introduction

Akgun , Dugun, chugun)

\*Topic - Raag Bhairavi, Raag

Bheempalasi, Raag Bihag

(Full Introduction with Aaroh,

Avroh, Pakad)



***SUMMER HOLIDAYS  
HOMEWORK  
GRADE: XI (SCIENCE)  
2024-25***



**If you approach your summer vacation with the same attitude you do your schoolwork, I'm sure it will be pleasurable. ...**

## ENGLISH

1. Design a pictorial presentation on the poem, 'A photograph/ The Laburnum top'.
2. Prepare a SlideShare on the chapter, 'The Portrait of a lady/ we are not afraid to die/ Discovering Tut'.
3. Design a brochure or paper quilling on the chapter, The Summer of the beautiful white horse or any other chapter of your choice.
4. Do a brief research work on the chapter, Discovery of the Tut - the saga continues and submit it as a Project work.
5. Cut and paste the different types of advertisements from the newspapers and paste it on the chart or prepare it as a brochure. OR Prepare a scrap book/ file with various kinds of advertisements (situation vacant, situation wanted, list and found, on sale, for rent etc).

## PHYSICS

Prepare Notes of following units along with NCERT text book numericals and question answers series

1. Measurement & Physical world
2. Dimensional Analysis & Errors
3. Motion and projectile motion.

## CHEMISTRY

1. Make a model or chart on any of the topic given - Importance of chemistry in everyday life, Atomic structure, Periodic table.
2. Solve all NCERT exercise Q/Ans of chapter No. 1,2,3 on your notes copy in a neat and clean handwriting.

## BIOLOGY

1. Make Notes of all chapters of Unit – 1 in notes copy.
2. Plant a sapling and paste your pic in home assignment copy.
3. Make any one Chart or model on any of the following:
  - (a) topics done in class like Types of bacteria, Gymnosperms, types of algae, Taxonomical hierarchy by taking any one example.
4. Do following Activities at home and write observation on home assignment copy.
  - a) Making a list of Uses of microorganisms in our daily life.
  - b) Making a list of all angiosperms found around you.
  - c) Make a list of Scientific names of common plants and animals found around you.

## MATHS

1. Draw a mind map of Set Theory on chart paper and decorate it.
2. Prepare an Activity of Venn diagram for Union and Intersection of two Sets.
3. Solve assignment of Sequence and series.
4. Write two Lab Manual Activities of Sets and Sequence and Series, submit them in a folder.
5. Relate any one of the activity of summer break with maths and write on an A4 size sheet with the use of geometric figures.

## MUSIC

1. Complete Practical file with mention the Date and Index.

\* Topic - Aktaal, chautal, Teental

(Introduction

Akgun, Dugun, chugun)

\* Topic - Raag Bhairavi, Raag

Bheempalasi, Raag Bihag

(Full Introduction with Aaroh,

Avroh, Pakad)

## PHYSICAL EDUCATION

1. Prepare practical file for physical education on the topic of your choice given below :
  - a) Volleyball.
  - b) kho-kho.

## Computer Science

### Prepare assignment of following questions.

Q1.	What do the following stands for? (a) ALU                      (b) RAM
Q2.	Define secondary memory. Give one example
Q3.	What is an Operating System? Give one example.
Q4.	Define following devices. (a) MICR                      (b) OMR
Q5.	Differentiate between System Software and Application Software. Give one example for each.
Q6.	Python was developed by-----?
Q7.	Write two advantages of Python language.
Q8.	Write any two rules for naming a variable in python.
Q9.	Name the method/function to display the value of a variable.
Q10	Find the output of the following code: M = 30 N = 10 M,N = N**2,M * 2 Print(M,N)
Q11	How are the following two statements different to each other? A = 4,A==4
Q12	What are relational and logical operators? Give two examples.
Q13	Write the output of the following code: A = 6 B = 3 print(A * B) print(A **B)
Q14	What is the wrong with following code? Write the correct code. A = input("Enter number 1") B = int(input("Enter number 2")) print(A + B)
Q15	Write a program to radius from the user. Calculate and print the area of a circle.
Q16	Write a program to input year from the user. Check and print year is leap year or not.
Q17	What will be the output of the following code? X = "ABC" if X == "abc": print("True") else: print("False")
Q18	Write python program for finding area and perimeter of rectangle.
Q19	How many times "Hello" will be printed in the following code? J = 7 while J < 7 print("Hello")

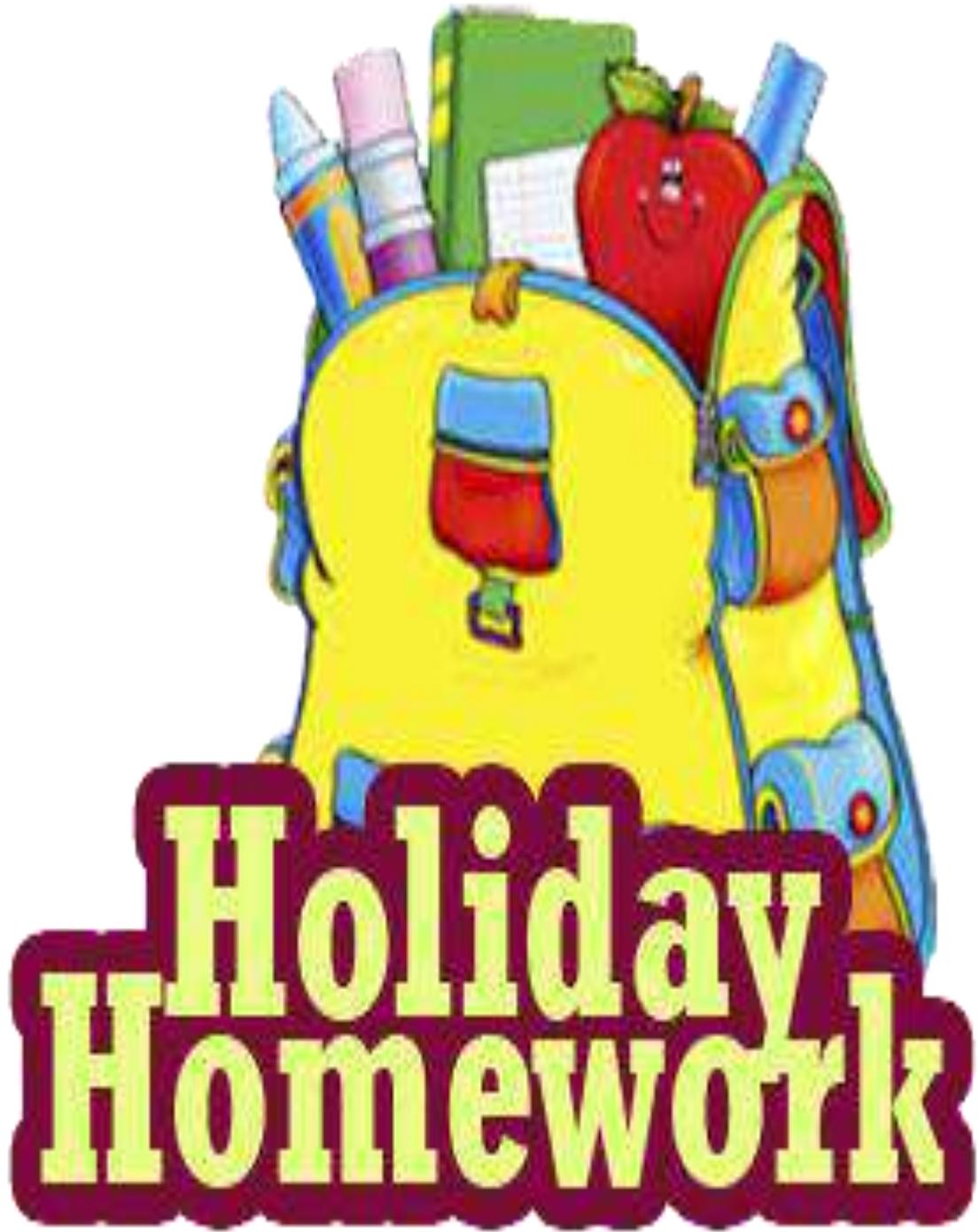
Q20	Write the output of the following code: T = 16 <pre> A = 1 while T&lt;=20: print(A) A = A +10 T = T - 2 else: print("OVER") </pre>
Q21	Write the output of the following code: <pre> M = "10" if M == 10: print("OK") else: print("Cancel") </pre>
Q22	What will be the output of the following code? <pre> T = 5 for E in range(5,1,-1): T = T + E print(T) </pre>
Q23	Find the output of the following code. <pre> for L in "abcde": if L == 'a' or L == 'c': print("Hello") else: continue else: print("World") </pre>
Q24	Predict the output of the following code. for J in range(1,25,5): <pre> if J == 20: break else: </pre>
Q25	Perform the following conversions : (i) $(514)_8 = (?)_{10}$ (ii) $(220)_8 = (?)_2$ (iii) $(76F)_{16} = (?)_{10}$ (iv) $(11001010)_2 = (202)_{10}$



MATA PUNNA DEVI  
**DAV SEN. SEC. PUBLIC SCHOOL, KALANWALI**  
(Managed by DAV College Managing Committee, New Delhi)



***SUMMER HOLIDAYS  
HOMEWORK  
GRADE: XII  
(HUMANITIES)  
2024-25***



*Education is the passport to the future, for tomorrow belongs to those who prepare for it today.*





## History 12th class

### History Home assignment

1 Read the chapter carefully and answer these questions.

- 1 Describe the salient features of Mahajanapad.
- 2 Discuss the function that may have been performed by rulers in Harappan society.
- 3 Describe some of the distinctive features of Mohenjodaro.
- 4 How important were gender differences in early societies? Give reasons for your answer.
- 5 Discuss how and why stupas were built.
- 6 On a chart and sheet write down the Prayaha Prashasti.
- 7 On a political map of India circle sites where evidence of agriculture has been recovered Mark an X against sites where there is evidence of craft production and R against sites where raw materials were found.
- 8 On the chart write down major development in Harrapa civilization.
- 9 Show sixteen Mahajanapad on Indian political map.
- 10 Make Harappa civilization ornaments from clay and pulses.

## MATHEMATICS

1. Prepare 20 MCQ'S of Matrix and Determinants.
2. Solve assignment of Limits and Continuity.
3. Draw the Frayer Model Activity of Limits and continuity on Sheet.
4. Write two Lab Manual Activities of related Chapters.
5. Make an Art Integrated Project file on Shapes and Formulas of solids.

## ECONOMICS

### Introductory Macro Economics :

#### Answer the following questions:

#### I. Unit 1 Money and Banking:

1. What is money and explain the evaluation of money
2. Explain the functions of money.
3. Measurement of money supply
4. Who supply money in India

**Activity :- Make a flow chart of supply of money in your fair notebook**

5. Meaning of Commercial Bank and process of money creation
6. Meaning of Reserve Bank of India (RBI) and its functions
7. Control of money supply by RBI through monetary policy

#### II. Collect latest information related to :

1. Bank Rate
2. Repo Rate
3. Reverse Repo Rate
4. Cash Reserve Ratio

❖ **Visit a nearby Bank and collect the Information how banking system working and click a pic of yourself inside the bank.**

**Unit 2 AD,AS and related concepts:**

1. Solve all the numerical in your fair note book
2. Make all diagrams of the topic in your fair note book neat and clean
3. How the problem of inflation and deflation is controlled by Government of India (Fiscal policy)

Read the newspaper daily and collect the Information regarding inflation and deflation of different sectors of the economy and make a list of it.

**Unit 3 Government Budget :**

1. What are the objective of government budget
2. Components of government budget
3. Budget deficit

Read Out the current year's budget of India (2024-25) Presented by honorable finance minister Nirmala Sitaraman of India and write down the important points in your fair notebook.

**Project work (20 marks)**

**Every student has to compulsory undertake one project as suggested by CBSE.**

**Suggestive list of Projects.....**

**POL.SCIENCE**

- Assignment 1) prepare notes of all lesson in notebook.
- Assignment 2) solve cartoon waste questions
- Assignment 3) solve map based question
- Assignment 4) solve all case studies of 7 chapters
- Assignment) prepare a list of winner of Haryana elections
- Assignment 8) decorate 15 sheets for file of project work

**Punjabi**

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**MATA PUNNA DEVI**  
**DAV SEN. SEC.PUBLIC SCHOOL KALANWALI**  
(Managed by DAV College Managing Committee , New Delhi )



**SUMMER HOLIDAY**  
**HOMEWORK**  
**GRADE : XII COMMERCE**  
**2024-25**

# Happy Summer Holidays.

Enjoy the summer  
with your close ones.



*May This Vacation Bring You Lots Of Good Memories. Happy Summer Vacation.*

## ENGLISH

1. Design a pictorial presentation on the poem, ' My Mother at Sixty Six' or Keeping Quiet or A thing of Beauty.
2. Prepare a SlideShare on the chapter, ' The Third Level' / The Tiger King/ The Enemy
3. Design a brochure or paper quilling on the chapter, The Tiger King/ The Last Lesson/ The Lost Spring
4. Do a brief research work on the chapter, 'Journey to the End of the Earth'/ List Spring and submit it as a Project work.

## ACCOUNTANCY

Prepare a chart on Types of Goodwill, Methods of calculating Goodwill, different methods of calculating interest on drawing, different methods of calculating interest on capital Or any other topic.

Practice of MCQ'S, Case based questions and Practical Questions from any other book( Other than NCERT & DK GOEL)

Preparation of long test of following Topics :

Fundamental of partnership

Change in profit sharing

Admission of a partner

Retirement of a partner

## BUSINESS STUDIES

Prepare a project file on following topics: Business Environment/ Stock Market/ Marketing/ Principle of Management.

Prepare a chart: Types of plan/ Dimensions of business environment/ Level of Management/ Functions of Management/ Consumer Rights/ Consumer Responsibilities/ Three types of consumer courts OR any other from syllabus

Revise the MCQ'S, Case Studies of Units 1st and Unit 2nd.

Preparation of long test of unit 1 to 4

## ECONOMICS

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### **Artificial Intelligence**

**Prepare assignment of unsolved questions of following Units:**

#### **Employability Skills**

Unit 1: Communication Skills

Unit 2: Self-Management Skills

Unit 3: ICT Skills

#### **Subject Specific Skills (THEORY)**

Unit 2: Model Lifecycle

Unit 3: Storytelling through Data

### **Music**

1. Complete practical file with index
2. Mention the Taal jhap Taal ,Taal dhamar ,Taal rupak with ekgun ,dogun tigung, chogun
3. Raag Bhairav, Raag bageshwari, Raag malkhans Parichay



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***SUMMER HOLIDAYS  
HOMEWORK  
GRADE: XII (SCIENCE)  
2024-25***



*Education is the passport to the future, for tomorrow belongs to those who prepare for it today.*

## ENGLISH

- 1 Design a pictorial presentation on the poem, 'My Mother at Sixty Six' or Keeping Quiet or A thing of Beauty.
- 2.Prepare a SlideShare on the chapter, 'The Third Level' / The Tiger King/ The Enemy
- 3.Design a brochure or paper quilling on the chapter, The Tiger King'/ The Last Lesson/ The Lost Spring
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## CHEMISTRY

1. To inculcate scientific temperament and for understanding the conceptual knowledge of chemistry, students have to prepare a GLOSSARY OF CHEMISTRY. Glossary must comprise of 10 Chemistry terms (with their definitions) of each alphabet including Laws, formulas, principles. Do this activity on your chemistry notebooks only.
2. Prepare a POWER POINT PRESENTATION on any topic of Chapters done in the classroom.
3. Make a working Model or chart on any one topic given below:-
  - Modern Periodic table
  - Structure of DNA
  - any other relevant topic from syllabus
4. Revise chapter no. 1, 2,3 and solve NCERT exercise Q/Ans on notes copy.

## PHYSICS

1. Prepare Notes of following units along with NCERT text book numericals and question answer series
  - Electrostatics
  - .Capacitor
  - Current Electricity

## BIOLOGY

1. Make Notes of all chapters of Unit – 1 in notes copy.
2. Plant a sapling and paste your pic in home assignment copy.
3. Make any one Chart or model on any of the following:---
  - (a) Angiospermic flower
  - (b) T S. of Anther
  - (c) Development stages of pollen grains or Embryo sac.
  - (d) Structure of Ovule.
  - (e) Structure of sperm and stages of spermatogenesis.
  - (f) Structures of male and female reproductive systems.
  - (g) Oogenesis
  - (h) Spermatogenesis
  - (i) Stages of ovulation
4. Do Following Activities at home and write observation on home assignment copy.
  - (a) Dissection of Hibiscus or any other flower.
  - (b) Observation of different kinds of angiospermic flowers around you and make a list.

(c) Make a list of common types of pollinators found around you.

### **MUSIC**

1. Complete Practical file with mention the Date and Index
  - \* Topic - Jhaptal , Rupak taal, Dhamar ( Full Introduction with Akgun , Dugun, Teegun ,chugun)
  - \*Topic - Raag Bhairav, Raag Bhageshwari, Raag Malkons  
(Full Introduction with Aaroh,Avroh, Pakad)

### **Artificial Intelligence**

Prepare assignment of unsolved questions of following Units:

Employability Skills

Unit 1: Communication Skills

Unit 2: Self-Management Skills

Unit 3: ICT Skills

Subject Specific Skills (THEORY)

Unit 2: Model Lifecycle

Unit 3: Storytelling through Data

### **PHYSICAL EDUCATION**

1. Prepare practical file for physical education.
2. Prepare model on any topic related to the syllabus.