

SUMMER VACATION ASSIGNMENT

SESSION:-2023-24. Class-LKG

English

- 1. Write A to M and paste the pictures related from these letters.
- 2. Paste the picture of five fruits, vegetables, and animals.
- 3. Paste the picture of family members.
- 4. Remember the rhyme 'water- water everywhere.

Maths

- 1. Write 1 to 30 (counting) on a scrap book.
- 2. Make different shapes using papers. Circle, Square, Rectangle, Triangle.

हिन्दी

- 1) अ से अ: लिखे और इससे जुड़ी चित्र चिपकाये।
- 2) क से घ तक लिखकर चित्र से मिलाना ।
- पांच पंक्षियों के चित्र चिपकना और उनकी आवाज सिखना।

Note:-

- 1. All H.W should be made in three-in-one Copy.
- 2. Summer vacation will be from **22/05/2023 to 17/06/2023** school will **reopen** from 19/06/2023.
- 3. Office will remain open during summer vacation except on Sunday and Holiday (Office Timing 8:00AM to 1:00PM)



DAV PUBLIC SCHOOL, LAKHISARAI

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SESSION:- 2023-24.

CLASS - UKG

English

- 1. Paste 5 Pictures of fruits and write their names.
- 2. Write ten pages writing.
- 3. Remember one rhyme with action.
- 4. Write A to Z and colour it.

Maths

- 1. Write one to twenty Number name and remember it.
- 2. Write 1 to 100 counting and remember it.

Hindi

- 1. अ से अः तक लिख कर सम्बन्धित चित्रों को चार्ट पेपर पर चिपकाए |
- 2. दस पेज सुलेख लिखें |
- 3. क से म तक व्यंजन वर्णों को सुन्दर अक्षरों में लिखें और उसमे रंग भरे |

Drawing

1. Draw an apple on your drawing copy.

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SUMMER VACATION ASSIGNMENT

SESSION - 2023-24.

STD-1

ENGLISH

Activities:

- a) Paste five pictures of your favourite things.
- b) Prepare the chart of food items which you take in breakfast ,lunch and dinner.
- c) Write 10 page writing.

Worksheet

- a) Write the name of five fruits. Draw and colour it.
- b) Write five lines on Myself.

MATHS

- 1. Write the number names from 1 to 20.
- 2. Write the tables from 2 to 10.

Project work

- 1. Draw or paste big small, tall short, more-less five objects.
- 2. Write the multiplication table of 6 and 7 in scrapbook.

EVS Activity

- a. Draw/paste different types of food that we should eat and avoid.
- b. Draw the five sense organs and colour it.

Worksheet

1. write the names of ten parts of body .

नैतिक शिक्षा

1. प्रार्थना लिखें और याद करें |

हिन्दी

- 1. आ से लेकर ऊ की मात्रा वाले शब्दों का काई बना कर लाएं ।
- 2. अपना परिचय 5 वाक्यों में लिखें।
- 3. १० पेज सुलेख लिखें |

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STD - 2

DAV PUBLIC SCHOOL, LAKHISARAI

SUMMER VACATION ASSIGNMENT

SESSION:-2023-24.

EVS

- 1. Draw or paste picture of ten body parts including five sense organ and write their name.
- 2. Paste the picture of five food items which we make from milk.
- 3. Collect the wrappers and advertisement of products like toothpaste, toothbrush, hair oil, soap, shampoo and make a collage.

ENGLISH

- 1. Draw or paste picture of five naming words in notebook.
- 2. Draw a Pussy and write "Little Pussy" in notebook.
- 3. Write ten page writing.
- 4. Make a nest with bird in it.

MATHS

- 1. Draw pictures for ordinal numbers. (1st to 10th)
- 2. Learn and write multiplication table of 5 to 15 (in chart paper)

HINDI

- 1. अपना चित्र चिपकाकर अपने बारे में 10 पंक्तियां लिखें तथा याद करें।
- 2. 10 पेज स्लेख लिखें।
- 3. पेड़ का चित्र बनाकर उससे प्राप्त होने वाली वस्तुओं का चित्र बनाकर उनके नाम लिखें।

D.S.

- 1. अपनी मां को, उन सभी कार्यों के लिए जो वे आपके लिए करती हैं ,एक धन्यवाद कार्ड बना कर दीजिए।
- 2. ओउम् का चित्र बनाकर रंग भरें।

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## **SUMMER VACATION HOMEWORK-2023**

## CLASS: III

#### **ENGLISH**

- 1. Make a TREE with different kinds of NOUNS.
- 2. Make a habit to speak in English with your parents about your daily routine, hobby and favourite Subject.
- 3. Prepare on a chart paper:-Write 15 lines about your favourite personality.

#### **SCIENCE**

- 1. Project:- draw and label 5 sense organs.
- 2. Activity:- observe the plants around your home/ garden and classify them into tree shrubs and herbs.
- 3. Learn chapter 1 and 2 ( keywords, underlined sentences and all the Q/A.

#### MATHS

Activity- Prepare a place value chart of 4-digit number mention period and place value using different colours on chart paper.

- 1. Revise chapter-1(Number up to 9999)
- 2. Revise chapter-2(Addition)
- 3. Weekly self test of 10 marks.
- 4. Learn tables from 2 to 20.

#### <u>S.SC</u>

- Prepare a Family Tree.
- Draw/Paste different types of dishes from different parts of India with Name and States name.

## <u>हिंदी</u>

(क) चतुर कौवा कविता सुंदर अक्षरों में लिखे।

(ख) पेड़ का चित्र बनाकर उनसे प्राप्त होने वाले किन्हीं पांच चीजों के नाम लिखें।

(ग) पानी के विभिन्न स्रोतों के चित्र बनाकर उनके नाम लिखें।

## <u>नैतिक शिक्षा</u>

(क) गायत्री मंत्र सुंदर से सजाकर अपनी कॉपी में

लिखें।

(ख) आर्य समाज का पहला और दूसरा नियम सुंदर अक्षरों में लिखें और याद करें।

(ग) स्वामी दयानंद जी का सुंदर चित्र बनाकर उनकी जीवनी लिखें लिखें।

#### <u>ICT</u>

1. Draw the image of keyboard and write the name of some special key on A4 size paper and paste in your copy.

#### DRAWING

1. Draw a water bottle and color it.

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## **SUMMER VACATION HOMEWORK-2023**

### CLASS: IV ENGLISH

- 1. Make a video of your personal information and send it on 9123443570.
- 2. Try to speak in English with your best friend through mobile phone for at least ten minutes daily.
- 3. Prepare a collage of your favorite sports personality.

### **SCIENCE**

- 1. Draw and label the human digestive system in A4 size paper.
- 2. Make model of different types of teeth with the help of clay.

#### <u>or</u>.

or draw and label different taste buds of tongue.

draw a poster showing different types of teeth with their function

3. Collect different flowers and make a bucket

#### MATHS

Activity-Prepare a place value chart of 6-digit number in which show the period and place value of each digit using different colours on chart paper.

- 1. Revise chapter-1(Number upto 999999).
- 2. Revise chapter-2(Addition and subtraction)
- 3. Weekly self test of 10 marks.
- 4. Learn tables from 2 to 20.

## <u>S.SC</u>

- Prepare a family album and write two or three lines.
- Draw / Paste the pictures of five main festivals of India and write about them. (Five sentences).

## <u>हिंदी</u>

- १. 2 5 2 5 पर्या यवाची और वि लोम शब्द A 4 साइज की सीट पर लि खकर लाएं वह याद करें।
- २. हि दं ी मेंप्रति दि न एक पेज सलु ेख लि खें।
- ३. अपनेघर के आस-पास कौन-कौन सेपौधे लगे हुए हैं ? उनके नाम लि खें व उन से क्या- क्या ला भ हैं लि खकर बताएं
- ४.अब तक जो कार्य कराया गया है उसे दोहराएं |

५.सज्ञं ा की परि भाषा व भेद लि खकर A-4 सीट पर लाएं ।

## <u>नैतिक शिक्षा</u>

- १. हवन में प्रयोग होने वाली पांच सामग्रियों के नाम लिखे A-4 साइज शीट पर चित्र बनाएं।
- २. आर्य समाज के कोई 5 नियम लिखे व याद करें।
- ३. अपनी मां को उन सभी कार्यों के लिए जो वह आपके लिए करती हैं एक धन्यवाद कार्ड बना कर दीजिए।
- ४. गायत्री मंत्र अर्थ सहित लिखकर A-4 साइज शीट पर लाएं।

## <u>ICT</u>

1. Find and write down what happens to the computer or cell phone which are thrown / discarded by people in A4 size paper and stick it to your H/W copy.

#### DRAWING

1. Draw an elephant and color it.

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## DAV PUBLIC SCHOOL, LAKHISARAI SUMMER VACATION HOMEWORK-2023

## CLASS: V ENGLISH

#### Activity/Project work

- 1. Make a personal DICTIONARY (Till unit-2 from R.B).
- 2. Prepare a list of HOLY BOOKS on a chart paper.
- 3. Prepare a collage of GREAT WARRIORS (at least 5).
- 4. Prepare a list of your FAVOURITE THINGS (Page. no 25 of R.B).
- 5. Prepare a tree of NOUNS.
- 6. Prepare a chart of DETERMINERS.

NOTE: The Project/Activity work (2 to 6) must be drawn in the drawing sheets and pasted in your H.W copy.

#### <u>S.SC.</u>

- 1. Draw the picture of Human Migration.
- 2. Locate the states and their capital on the outline map of India.
- 3. Paste the picture of different types of ancient rock shelters on the chart paper.

#### **SCIENCE**

- Project
  - 1. Draw a neat diagram of the human tongue and show its different taste buds.
  - 2. Draw vegetative reproduction in different parts of the plants.
- Activity
  - 1. Make a model of human skeletal system.
  - 2. List of different agent of seed dispersal with example.
- Write and learn keywords of chapter 1 and 2.

#### हिंदी

- 1. सरदार बल्लभ भाई पटेल जी का सुंदर चित्र बनाकर उनकी जीवनी लिखिए । ( चार्ट पेपर पर )
- 2. पेड़ का सुंदर चित्र बनाकर पेड़ कविता लिखें।
- 3. दिए गए शब्दों के विलोम शब्द लिखें।

| क. अंधकार - | ख. सफल -   | ग. प्रेम - | घ. अनुकूल - | ङ. आजादी - |
|-------------|------------|------------|-------------|------------|
| च.आदि -     | छ. जीवित - | ज. सुगम -  | झ. हिंसा -  | ञ. नगद -   |

#### <u> संस्कृत</u>

- 1. बालक शब्दरूप को लिखें और याद करें।
- 2. पठ तथा लिख धातुरूप को तीनों लकारों (लट् ,लङ्, लट्, ) में लिखें ।
- 3. गीता से कोई भी दो श्लोक लिखें और याद करें ।
- 4. चार्ट पेपर पर बालक का चित्र बनाकर रंगें व संस्कृत में अंगों का नाम लिखें ।

#### MATHS

- 1. Make a place value chart of any 9 digit number mention period place and place value. Using different colours on A4 size paper(Indian as well as International).
- 2. Revise chapter 1- numbers up to 999999999
- 3. Revise chapter 2 operations on large numbers
- 4. Weekly self test of 10 marks
- 5. Learn table at least 1 to 20

#### <u>ICT</u>

1. Draw the image of RAM, ROM, hard-disk on A4 size paper.

#### DRAWING

1. Draw different type of vegetable and color it

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## DAV PUBLIC SCHOOL, LAKHISARAI SUMMER VACATION HOMEWORK-2023

#### CLASS: VI SCIENCE

Project:-

1. Make a model of Twin-Bin System.

2. Make a chart of Vitamins, their sources and deficiency diseases. Paste cereals and pulses on chart paper.

Activity:-Prepare a chart of source of carbohydrates, Proteins, Vitamins, fats ,minerals and roughage.

#### <u>ENGLISH</u>

Assignment on scrap book:

A. Write the biography of given novelist, dramatist and poets in 60 words.

- 1. William black
- 2. William Wordsworth
- 3. Robert southy
- 4. P.B. Shelly
- 5. Jhon kates
- 6. Lord byron
- 7. S.T cloridge
- B. Reading section.

Tell the biography of any two on camera and record it and send it to your subject teacher

#### C. Project

Make a project on chart paper, Topic - my favorite things. Cut the images from newspaper and paste it in chart paper & decorate it and design it and make a colourful project.

#### **MATHEMATICS**

- 1. Make a definition circle for natural number and whole number.
- 2. Make a mind map for factors and multiples in A4 size paper using colour pens.
- 3. Revision of chapter 1 natural number and whole number.
- 4. Revision of chapter 2 factors and multiples.
- 5. Weekly self test of 20 marks
- 6. Learn table at least 1 to 20.

#### <u>S.SC</u>

- 1. Draw the diagram of the Solar System on the chart paper.
- 2. Paste ten pictures of different Dances form with their states.

#### <u> संस्कृतम्.</u>

- 1. शब्द रूपम लिखन्तु स्मरन्तु च—-अस्मत. युष्मद. एतत्. तत्. किम्
- धातु रूपम लिखन्तु स्मरन्तु त्रिषु लकारे( लट् लङ् लृट्)-----गम् दृश् भ्रम् पठ्
- 3. पुस्तकात् कोऽपि चित्रम निर्माय सुंदरवर्णे रंजयत.
- 4. गीतायाः दी श्लोकी लिखित्वा स्मरन्तु .

## <u>हिंदी</u>

- 1. परियोजना कार्य आप जल का संरक्षण कैसे कर सकते हैं ? चित्र के साथ चार्ट पेपर पर तैयार करें।
- 2. ज्ञान सागर –पाठ 1 से 3 तक के प्रश्न– उत्तर जत्तर –पुस्तिका में तैयार करें तथा याद करें।
- 3. भाषा अभ्यास अभ्यास– 1 से 3 तक पूरे करें तथा याद करें।
- 4. दस पृष्ठ का सुलेख विभिन्न पाठों से तैयार करें।

#### <u>NS</u>

- 1. धर्म के दस लक्षण लिखें और याद करें ।
- 2. अघमर्षण मंत्र को लिखें और याद करें।

1. Draw a landscape and color it

3. आर्य समाज के दस नियमों को चार्ट पेपर पर लिख कर लाए ।

#### ICT

 Watch this video: https://www.youtube.com/watch?v=A1LwJRYiaho Write down key points that you have learnt from the above video after watching it completely.

#### DRAWING

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HOME ASSIGNMENT FOR SUMMER VACATION 2023-24

## CLASS-VII

| SUBJECT        | HOLIDAY HOMEWORK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |  |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| Science        | Biology - Develop bread mould on a slice of bread and observe it carefully and note<br>down your observation.<br>Chemistry - Make a chart of some common elements, their name, symbols and<br>valency.                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |  |
| Maths          | Physics - Make a model of thermometer         1) Write definition and all properties of rational number with example on A-4 size paper.         2) Revise chapter 1 and chapter 2.         3) Do Brain teasers of ch-01 and ch-02.         4) Write all rational numbers whose absolute value is less than 3.                                                                                                                                                                                                                                                                                         |  |  |  |  |
| Social Science | <ul> <li>Prepare a colored diagram showing different sphere of the environment. (any two)</li> <li>Prepare a model of EVM.</li> <li>Make an album of the sources of information of Medieval India.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| English        | ASSIGNMENT IN SCRAP BOOK<br>WRITE THE BIOGRAPHY OF THESE POETS, NOVELIST AND DRAMATIST (IN 60 WORDS)<br>W. SAKESPHERE JHON MILTON ALFERD NOVEL TENNYSON<br>ROBERT BROWNING MATTHEW ARNOLD ELIZABETH BARRET BROWNNG<br>CHARLES DECAL THOMAS HARDDY GEORGE ELIOT<br>BRONTTE SISTERS<br>SPEAKING SECTION<br>TELL THE BIOGRAPHY OF ANY TWO AMONG THE FOLLOWING ON CAMERA AND RECORD IT<br>AND SEND TO YOUR SUBJECT TEACHER<br>PROJECT<br>MAKE A PROJECT ON CHART PAPER ON THE GIVEN TOPIC. (ANY ONE)<br>SENTENCE(SIMPLE, COMPOUND, COMPLEX),TENSE,KINDS OF VERB,ADJECTIVE,<br>CONJUCTION,TYPES OF PRONOUN |  |  |  |  |
| Hindi          | <ul> <li>१.संज्ञाऔरसर्वनामकीपरिभाषावभेदलिखकरएकचार्टबनाएं  </li> <li>२. 25 -25 पर्यायवाचीऔरविलोमशब्द A-4 साइजकीसीटपरलिखकरलाएंवहयादकरें  </li> <li>३. आपनेग्रीष्मकालीनअवकाशकिसतरहव्यतीतकियाइसविषयपरएक 100</li> <li>शब्दोंमेंअनुच्छेदलिखें  </li> <li>४.अबतकजोकार्यकरायागयाहैउसेदोहराएं  </li> </ul>                                                                                                                                                                                                                                                                                                     |  |  |  |  |
| Sanskrit       | a. अस्पदग्रापगपगर(पागपाह0र(पाहराष))         1. तत् , एतत् , किम्शब्दरुपतीनोंलिंगोमेंलिखेंवयादकरें           2. अस्मद् , युष्मद्शब्दरुपलिखेंवयादकरें           3. नम् , कृ , स्था , गम्धातुरुपपांचोलकारोंमेंलिखेंवयादकरें           4. `अभ्यासस्यमहत्त्वम् `इसविषयपरसुक्तिचार्टपेपरपरसंकलनकरें                                                                                                                                                                                                                                                                                                         |  |  |  |  |
| ICT            | Write about evolution of Computers in details. Draw a neat diagram of different stages of evolution of Computer System. Draw diagrams of different generations of Computer.                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |
| Drawing        | Draw a flower and color it.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |
| Note:-         | <ul> <li>1.Summer vacation will be from 22/05/2023 to 17/06/2023 school will reopen from 19/06/2023.</li> <li>2.Office will remain open during summer vacation except on Sunday and Holiday (Office Timing 8:00AM to 1:00PM)</li> </ul>                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |

HOME ASSIGNMENT FOR SUMMER VACATION 2023-24

## CLASS-VIII

| SUBJECT        | HOLIDAY HOMEWORK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| Science        | <ol> <li>Learn atomic number of elements from Hydrogen up to zinc . ( use periodic table)</li> <li>Frame 10 questions of Assertion and Reason type from chapter 1 and chapter 3<br/>write it on a well decorated A4 size paper with answer. Don't use stick file.</li> <li>"Non metals are acidic in nature" prove this statement through a activity. On a A4<br/>Size paper draw it's diagram and write it's balance chemical equation. Don't use stick<br/>file.</li> </ol>                                                                                                 |  |  |  |
| Maths          | <ol> <li>Activity on square and square root or cube and cube root anyone</li> <li>Working model on square root of numbers or cube root of numbers</li> <li>Revision of chapter 1,2 and 4</li> <li>Weekly self test related to the topics done in your class.</li> <li>Learn table at least 1 to 20</li> </ol>                                                                                                                                                                                                                                                                 |  |  |  |
| Social Science | <ul> <li>Make an album of the sources of information of Modern India and explain (between 1857-1947).</li> <li>Make a flowchart of classification of resources.</li> <li>Paste the photographs of the prominent members of constituent assembly and describe the composition of constituent assembly in five sentences.</li> </ul>                                                                                                                                                                                                                                            |  |  |  |
| English        | <ul> <li>1.Write a biography on the famous writer Leo Tolstoy in about 200-250 words.Students are instructed to apply the Art Integrated method.</li> <li>Note:Use a stick file or a scrapbook.</li> <li>2.Prepare a video on tenses and send it on the WhatsApp Number of your respective subject teacher or 8340563010.</li> </ul>                                                                                                                                                                                                                                          |  |  |  |
| Hindi          | <ul> <li>१उनपक्षियोंकेबारेमेंपताकरकेएकरिपोर्टतैयारकीजिएजिनकीसंख्याकमहोतीजारहीहै ,<br/>इसकेक्याकारणहै औरहमइनकासंरक्षणकिसप्रकारकरसकतेहैं ?</li> <li>२.<br/>अपनेकिन्हींतीनपड़ोसियोंकेविषयमेंजानकारीदेतेहुएदिएगएबिंदुओंकेआधारपरकॉपीमेंतालिका<br/>बनाएंपड़ोसीकेनाम- पड़ोसीकेघरकेसदस्यकेनामपड़ोसीकेकोईदोखासआदतेंजोआपकोपसंदहो<br/>पड़ोसीकीकोईदोखासआदतेंजोआपकोपसंदनाहो</li> <li>३.अनुस्वारएवंअनुनासिककीपरिभाषालिखकरयादकरें ।</li> <li>४.सकर्मकऔरअकर्मकक्रियाकीपरिभाषालिखेंवउनकीपहचानभीबताएं ।</li> <li>५.पाठ्यपुस्तकमेंजोपाठपढ़ायागएहैंउनकेप्रश्नउत्तरएवंशब्दार्थयादकरें ।</li> </ul> |  |  |  |
| Sanskrit       | <ol> <li>राम, फल, लता, मुनिशब्दरुपलिखेंवयादकरें  </li> <li>2. किम्शब्दरुपतीनोंलिंगोमेंलिखेंवयादकरें  </li> <li>3. नम्, भू, अस्, पठ्, गम्, दृश्धातुरुपपांचोलकारोंमेंलिखेंवयादकरें  </li> <li>4. एकसेपचासतकसंख्यासंस्कृतमेंलिखेंवयादकरें  </li> <li>5. महाकविकालिदासकेव्यक्तित्वएवंकृतित्वपर 10 पंक्तियांसंस्कृतमेंलिखें </li> </ol>                                                                                                                                                                                                                                            |  |  |  |
| ICT            | <ol> <li>Write about different types of Wires used in network connection along with a neat diagram.</li> <li>Write about different types internet connection in detail with diagram.</li> <li>Write and explain any 10 tags in HTML.</li> </ol>                                                                                                                                                                                                                                                                                                                               |  |  |  |
| Drawing        | Do a parrot and color it.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |
| Note:-         | <ul> <li>1.Summer vacation will be from 22/05/2023 to 17/06/2023 school will reopen from 19/06/2023.</li> <li>2.Office will remain open during summer vacation except on Sunday and Holiday (Office Timing 8:00AM to 1:00PM)</li> </ul>                                                                                                                                                                                                                                                                                                                                       |  |  |  |

#### HOME ASSIGNMENT FOR SUMMER VACATION 2023-24

#### **CLASS-IX**

| SUBJECT       | HOLIDAY HOMEWORK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Science       | <ul> <li>Physics - Establish the equation of motion using alternate and graphical methods in A4 size paper.</li> <li>Chemistry - Write about ten properties of each -Solids, Liquids and Gases in A4 size paper.</li> <li>Project - Prepare a molecular models of the state of mater by using thermocol, colour chart paper and spherical ball of thermocol.</li> <li>Biology - Draw the labelled structure of the following Nucleus, Mitochondria, Endoplasmic reticulum and Golgi Bodies with their two functions of each in A4 size paper.</li> </ul> |
|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Matha         | <ol> <li>Construct spiral form of √2, √3, √4, √18 on A-4 size paper.</li> <li>Represent √10.5 on real number line.</li> <li>Revision of Ch-01 and Ch-02.</li> <li>Factorise :-</li> </ol>                                                                                                                                                                                                                                                                                                                                                                |
| Maths         | I. $2a^{2}b^{2} + 2b^{2}c^{2} + 2c^{2}a^{2} - a^{4} - b^{4} - c^{4}$<br>II. $x^{6} + 5x^{3} + 8$<br>III. $a^{3} - b^{3} + 1 + 3ab$<br>IV. $x^{3} + 13x^{2} + 32x + 20$                                                                                                                                                                                                                                                                                                                                                                                   |
|               | 5) Prove that $(a + b + c)^3 - a^3 - b^3 - c^3 = 3(a + b)(b + c)(c + a)$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Social        | • Draw the various Political Symbols of the French Revolution on chart paper.                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>30CIAI</b> | Prepare a list of the factors for Production.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|               | <ul> <li>Draw a map of India on a chart paper and locate the following:</li> <li>(i) Neighboring countries</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Science       | <ul> <li>(ii) Latitudinal and longitudinal extent</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|               | (iii) Tropic of Cancer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| English       | Q: - Prepare an Art Integrated Project on 7 or 8 musical instruments on the colourful Scrapbook with names.<br>Write a short paragraph about 120 words (including their origin, resources, popularity, maestro                                                                                                                                                                                                                                                                                                                                           |
|               | etc.)with beautiful Own -Hand- Drawn pictures.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Hindi         | 1.परियोजनाकार्य-संतकवि 'कबीर' केव्यक्तितव एवं कृतित्व पर विस्तृत प्रकाश डालते हुए सचित्र परियोजना तैयार<br>करें। (A4 आकार पृष्ठो पर)<br>2. <b>°दो बैलों की</b> कथा" के आधार पर सिद्ध करें कि यह कहानी आजादी की लड़ाई की ओर भी संकेत करती है।<br><b>3.कबीर की साखियों का भावर्थ लिखें व याद करें।</b>                                                                                                                                                                                                                                                     |
|               | 4. " दो बैलों की कथा" कहानी का प्रश्नोत्तर तैयार करें                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|               | 1. बालक, लता,नदी,कवि,फल, किम् (तीनों लिंगो ) का शब्द                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|               | रूप लिखें एवं याद करें।<br>2. संस्कृत कवि कालिदास के विषय में 10 वाक्य संस्कृत में                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Sanskrit      | लिखें ।<br>3. स्वर संधि के सभी भेदों से 5-5 उदाहरण दें ।                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|               | 4.भू, नम्, गम्, कृ, अस धातु  को पांचो लकार में लिखें ।                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|               | परियोजना कार्यम्<br>1. वृक्ष बनाकर कारक के चिन्हों सहित सजाएं एवं सभी<br>कारकों का उदाहरण दें                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ІТ            | 1. Explain about different types of barriers to effective communication with a diagram.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|               | <ol> <li>Write about different stages of Communication. Draw a neat and clean diagram of communication cycle.</li> <li>Write and explain 25 shortcuts used in MS-Word/Digital Documentation.</li> </ol>                                                                                                                                                                                                                                                                                                                                                  |
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|               | 2.Office will remain open during summer vacation except on Sunday and Holiday ( <b>Office</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

| Timing 8:00AM to 1:00PM) |
|--------------------------|
|                          |

Holiday Homework (2023-24)

## Class X

## Subject - Science

**Biology** - Prepare at list five Assertion and reasons questions with answers in A4 size paper from chapter No. - 1. Life Process

Project -Draw the diagram of the Human Digestive System. OR Structure of Stomata by using thermocol and chart paper.

**Chemistry** - Write all the types of chemical reactions with two examples of each in balanced equation form. in A4 size paper.

**Physics** - 1. Draw ray diagram to show reflection of light through a rectangular glass slab and show lateral displacement.in A4 size paper.

2. Draw ray diagrams on a chart paper image formation by spherical Mirror for different position of object also write the nature of image in each case

## Subject - English

Art integrated project.

Prepare a project based on geographical, cultural, dresses, food habits, festivals, economical and education system of Bihar and Tripura. Must add all colourful pictures and data. Collect information from website and internet.

Submission date is on 19/07/2023

## Subject – Maths

To Draw the graph of a quadratic polynomial and Observe -

- (i) The shape of the curve when the cofficient of  $x^2$  is positive.
- (ii) The shape of the curve when the cofficient of x2 is negative.
- (iii) Its number of zeroes.

To verify the condition for consistency / Incosistency for a pair of linear equations in two variables by graphical method.

Revised chapter Real numbers, polynomial, and pair of linear equations in two variables for PT I examination.

## Subject – Social Science

- Draw a map of Belgium and Srilanka with their ethnic composition.
- On an outline map of India, locate and label the major types of soil found in India.
- Prepare a table to show the data of literacy rate, Infant Mortality Rate, Per capita income /average income in year 2017-18 (rank wise).
- Write the events against the given dates: 1707, 1801, 1804, 1807, 1815, 1821, 1830, 1832, 1861, 1871

## Subject – Information Technology

- 1.Enlist any three basic safety rules to follow at workplace.
- 2. Give any two basic safety rules for ensuring Falls and Slips safety.
- 3. Give any two electrical safety rules in any organization.

## Subject – Hindi

1- आपकी पाठ्य पुस्तक में आए हुए कवि सूरदास जी का सुंदर चित्र बनाकर सविस्तार उनके कृतित्व एवं व्यक्तित्व को दर्शाते हुए परियोजना कार्य तैयार करें। परियोजना कार्य में विद्यालय का 'लोगो' , अनुक्रमणिका एवं संदर्भ सूची का होना अनिवार्य है। (परियोजना कार्य फाइल में शीट पेपर पर बनाना अनिवार्य है)

2- 'सूरदास के पद' एवं 'नेताजी का चश्मा' पाठ के प्रश्न उत्तर याद करें।

3- ग्रीष्मकालीन छुट्टियों में आप द्वारा किए जाने वाले संपूर्ण कार्य को बताते हुए अपने मित्र को पत्र लिखें।

## Subject – Sanskrit

## कक्षा दशमी

ग्रीष्मावकाश गृहकार्यम्

 बालक, कवि, लता, पितृ, किम् (तीनों लिंगो) का शब्द रूप लिखें व याद करें।
 व्यंजन सन्धि एवं विसर्ग सन्धि के नियम को याद करें

2. व्यजन सान्ध एव विसग सान्ध क नियम का याद कर और प्रत्येक सूत्र से 10-10 उदाहरण दें l

3. कर्तृवाच्य के 10 उदाहरण लिखें एवं कर्मवाच्य मे बदलें।

4. पाठ 1-2 से 10-10 वस्तुनिष्ठ प्रश्न का निर्माण करें।

परियोजना कार्यम्

संस्कृत के किन्हीं दो कवियों का सचित्र वर्णन करें। (¼ साइज पेपर मे )

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Holiday Homework (2023-24)

## Class XI

## **Subject - Physics**

Write the physical relationship and dimensional formula of at least 50 physical quantities in A4 size sheet and learn the same.

## Subject - Chemistry

1)Draw well labeled diagram of common laboratory operators and write its uses in chemistry practical file.

2) Make periodic table chart on chart paper.

3) Make project on electronic configuration of element of atomic number 1 to 30. (according to s, p, d, f).

## Subject - Biology

Taxonomic categories showing hierarchment in ascending order with the examples of man tiger mango and wheat in A4 size paper

Project- Draw the flowchart of biological classification on chart paper with the help of sketch pen.

## Subject - English

Art integrated project.

Prepare a project based on geographical, cultural, dresses, food habits, festivals, economical and education system of Bihar and Tripura. Must add all colourful pictures and data. Collect information from website and internet.

Submission date is on 19/07/2023

## Subject - Physical Edu. (048)

Labelled diagram of 400m. Track and Field Computation. (on chart paper) or Labelled diagram of Field/Court of any one IOC (International Olympic Committee) recognised sports/ Game of choice. In Chart paper.

## Subject – Information Practice

Draw Tree structure of data types.

Classify different types of memory and draw picture.

## Subject – Maths

- 1. Solve following chapters of NCERT book with miscellaneous problem.
  - a. Set theory
  - b. Trigonometry
- 2. Revise notes of above two chapters.

## Subject – Painting

Draw a flower and colour it.

#### Note:-

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Holiday Homework (2023-24)

### **Class XII**

## **Subject - Physics**

1.Do all examples of chapter 2

2.Solve all questions of exercise

3. Write Questions and Answers of previous 5 years questions of chapter 2

## Subject - Chemistry

1) Make a chart on all naming reactions of haloalkanes, haloarenes, alcohol, phenol and ether.

2) Prepare a model of Galvanic cell or Electrolytic cell.

3) Make project to determine the Acetic acid contents of various samples of venegar.

## Subject - Biology

Prepare at list 20 Assertion and reason Questions with answers in A4 size paper from Chapter No. 2,3 & 4.

Project - Draw the sectional view of female reproductive system. OR Draw the diagram to show the Pollen Pistil - Interaction by using thermocol and chart paper.

## Subject - English

1.PROJECT WORK+VIVA=10 Marks

Interview Based Research

Based on the lesson " The Lost Spring" in groups of 4 students they will conduct Interview of at least 5 rag pickers in their locality and do research on their life. Frame 10 questions for Interview & get approval of teacher.capture photographs during interview. Students will write individual report upto 1000 words and submit( Use practical register only). A viva will be taken on the basis of the report.

2.Make a colorful Formal Invitation (printed) & write a Formal Invitation letter on topics marriage ceremony & inviting a chief guest for annual day function respectively. Use A/4 size page.

3. Solve Reading Skills section from CBSE sample Question Paper English Core 2023-24 class XII in your register.

## Subject - Physical Edu. (048)

1. Anyone one IOC (International olympic Committee) Recognised Sport/Game of choice.

Labelled diagram of Field and write measurement. (on chart paper)

## Subject – Maths

- 1. Solve following chapters of NCERT book with miscellaneous problem.
  - Relations
  - Functions
  - Matrices
  - Determinants
- 2. Revise teachers notes of above 4 chapters.

## Subject – Painting

Draw a landscape and colour it. Note:-

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