PM SHRI KENDRIYA VIDYALAYA NO. 1 DHANBAD
AUTUMN BREAK HOME-WORK
CLASS-IX
SUB- ARTIFICIAL INTELLIGENCE

1. <u>Project Work</u>

Theme of project is to identify a problem which comes under Sustainable Development Goal.

Prepare a project file on Sustainable Development Goal according to given instruction –

i.   Choose any goal out of 17 SDGs (Sustainable Development Goals) to identify the problem for your project. (Any SDG according to you convenience)

ii.   Explain the problem on the basis of 4Ws canvas.

iii.   Write Problem Statement.

iv.   On the basis of "Problem Statement" state the Goal of the project.

<u>Documentation of the project :</u>

i.   Project must be submitted in a transparent (white) stick file.

ii.   Sequence of pages :

    1st page of project file – Cover Page.

2nd page of project file – Acknowledgment

3rd page of project file – Preface

4th page of project file – Introduction

After introduction do Problem scoping by the help of 4Ws Canvas, write Problem Statement and then specify what will be the Goal of the Project.

<u>Sample of Cover page, Acknowledgement and preface</u> :

Cover page Sample

KENDRIYA VIDYALAYA NO. 1 DHANBAD

PROJECT FILE

ON

[*Write the Theme of project* **]**

Under

SUSTAINABLE DEVELOPMENT GOAL

CLASS - 9

SESSION -2024-25

SUBMITTED BY: [*name of student* **]**

SUBJECT TEACHER (AI) : [*name of subject teacher* **]**

CLASS: 9 [*section* **]**

ROLL NO: [*write class roll number* **]**

Acknowledgement Sample

ACKNOWLEDGEMENT

*I wish to express my deep sense of gratitude and indebtedness to our learned teacher [name of subject teacher], [designation], **Kendriya Vidyalaya No.1 Dhanbad** for his invaluable help, advice and guidancein the preparation of this project.*

*I am also greatly indebted to our principal **MR. SHAILENDRA SHARMA** and school authorities for providing me with the facilities and requisite laboratory conditions for making this practical file.*

I also extend my thanks to a number of teachers, my classmates and friends who helped me to complete this practical file successfully.

[name student]

Preface Sample

Preface

Briefly describe about you project.

P.M SHREE NO 1 DHANBAD

HOLIDAY HOMEWORK

CLASS – IX (24-25)

Art Project / Holiday Homework

 # Any one of the following Topic:-

1) Still Life Composition in Pencil Shading.

2) Folk Art of M.P. (Gond Art) in colour

3) Story Telling Painting in colour.

Note- Size A3 Ivory Sheet (12 inches X 18 inches), Mounted either in Black or White Chart Paper

PM SHRI KENDRIYA VIDYALAYA NO. 1 DHANBAD
AUTUMN BREAK HOME-WORK
CLASS-IX
SUB- ENGLISH

QI)Fill in the blanks with the appropriate form of the verb(Tense)

It __1____ (be) a rainy day, and I ___2___ (wait) for the bus. I _3_____ (check) my watch repeatedly because I __4____ (be) late for an important meeting. Suddenly, I __5____ (realize) that I __6____ (leave) my umbrella at home. Just then, a car __7____ (stop) in front of me, and I _8_____ (see) my friend inside. She __9____ (offer) me a ride, which I gladly __10____ (accept). By the time we _11_____ (arrive) at the office, the rain __12____ (stop), and I _13_____ (feel) relieved that I __14____ (not miss) the meeting after all.

QII.Identify and correct the errors in each sentence:

1.She don't likes to play football in the evening.

2.He has went to the market to buy some groceries.

3.We was watching a movie when the phone rang.

4.She is knowing the answer to the question, but she is too shy to speak.

5.I have been working here since three years.

QIII)Write a descriptive paragraph about your favorite place. Include details about the location, what it looks like, the sounds you hear, the smells in the air, and any memories you have associated with that place.

PM SHRI KENDRIYA VIDYALAYA NO. 1 DHANBAD

AUTUMN BREAK HOME-WORK

CLASS-IX
SUB- HINDI

1. कैदी और कोकिला पाठ का प्रश्नोत्तर याद करें ।

2. सु, प्र, ,प्रति, वि एवं अधि उपसर्ग की सहायता से तीन-तीन शब्द बनाइए ।

3. ई, ऊ, आ, पन प्रत्यय की सहायता से तीन-तीन शब्द बनाइए

4. श्लेष, उपमा एवं मानवीकरण अलंकार की परिभाषा लिखते हुए उदाहरण भी लिखिए।

5. आपके द्वारा दुर्गा पूजा में घूमने विषय पर दो मित्रों के बीच संवाद लिखिए ।
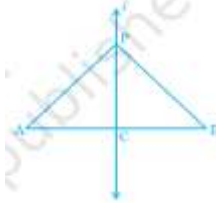
PM SHRI K V NO. 1 DHANBAD

AUTUMN BREAK HOLIDAY HOMEWORK

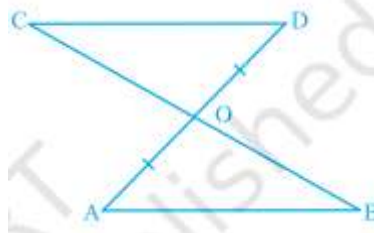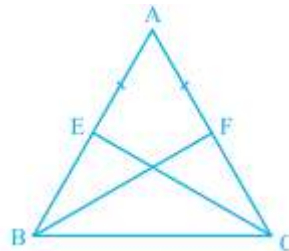**CLASS: 9**   **SUB: MATHEMATICS**   **SESSION: 2024-25**

1. AB is a line segment and line l is its perpendicular bisector. If a point P lies on l, show that P is equidistant from A and B.
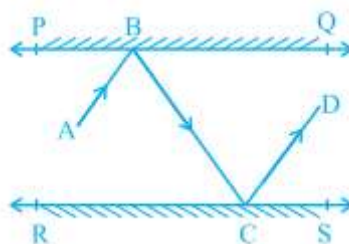

2. Line-segment AB is parallel to another line-segment CD. O is the mid-point of AD. Show that (i) ΔAOB ≅ ΔDOC (ii) O is also the mid-point of BC.

3. Prove that the angles opposite to equal sides of an isosceles triangle are equal.

4. E and F are respectively the mid-points of equal sides AB and AC of Δ ABC. Show that BF = CE.

5. Show that each angle of a rectangle is a right angle.

6. ABCD is a rectangle in which diagonal AC bisects ∠ A as well as ∠ C. Show that: (i) ABCD is a square (ii) diagonal BD bisects ∠ B as well as ∠ D.

7. State and prove Mid-point theorem.

8. ABC is a triangle right angled at C. A line through the mid-point M of hypotenuse AB and parallel to BC intersects AC at D. Show that

   (i) D is the mid-point of AC   (ii) MD ⊥ AC .

   (iii) CM = MA = $\frac{1}{2}$ AB

9. Show that the bisectors of angles of a parallelogram form a rectangle

10. In Fig., PQ and RS are two mirrors placed parallel to each other. An incident ray AB strikes the mirror PQ at B, the reflected ray moves along the path BC and strikes the mirror RS at C and again reflects back along CD. Prove that AB || CD.

PM SHRI KENDRIYA VIDYALAYA NO. 1 DHANBAD
AUTUMN BREAK HOME-WORK
CLASS-IX
SUB- SANSKRIT

1."तरवे नमोऽस्तु" पाठ के सभी प्रश्नोत्तर लिखे:-

2."न धर्मवृद्धेषु वय: समीक्ष्यते" पाठ के सभी प्रश्नोत्तर लिखे:-

3".संस्कृत परियोजना कार्य-"कवयामि वयामि यामि "का दश वाक्य artpaper/chartpaper लिखे एवम् चित्र बनाये

4."भारतीयं विज्ञानम्" पाठ का सभी प्रश्नोत्तर लिखे:-

व्याकरणम्-(i)करक उपपदविभक्ति कालबोधकानि अव्यायानि-
यदा,तदा,सर्वदा,एकदा,पुरा,अधुना,अद्य,श्व:,ह्य:,

उप्रयुक्त अव्यय पदो से संस्कृत मे वाक्य बनाए:-

(ii)प्रत्यय-शतृ,शानच का प्रयोग संस्कृत वक्यो मे करे।

(iii)संधि-विसर्गसंधि:-उत्वम् ,शत्वं, षत्वम् सत्वंच.का पञ्च उदाहरन के साथ लिखे:-

(iv)धातुरूप-सेव्,लभ्,रुच् लट्,लृट, लकरो मे लिखकर समरन करे:-

(v)शब्द् रूप-अस्मद,युष्मद्,(त्रिषुलिङ्गेषु)लिखकर स्मरन् करे:-

(vi)प्रश्नबोधकानि अव्ययानि-कुत्र,किं,कति,कदा,कथम्,किमर्थम्

उपयुक्त अव्यय पदो से संस्कृत मे प्रश्न वाचक् वाक्य की रचना करे:-

नोट-(I)सभी गृह कार्य TEXT BOOK - "मणिका प्रथम भाग:"एवम् संस्कृत व्याकरण class ixth pt-3 syllabus के आधार पर दिये गए हैं।जो की pt-3 परीक्षा के लिए उपयोगी है।

(II)सभी प्रश्नोत्तर-संस्कृत CW/HW काँपी में ही लिखें।अन्यत्र नहीं।

PM SHRI KENDRIYA VIDYALAYA NO. 1 DHANBAD

AUTUMN BREAK HOME-WORK

CLASS-IX
SUB- SCIENCE (086)

1. State the postulates of Dalton theory.

2. Write down the law of conservation of mass by giving the example of a chemical reaction.

3. Calculate the formula mass of potassium carbonate. (K_2CO_3)

4. What do the following denote?a)N b) 2N c) N2 d)2N2

5. What is a molecule? Explain with an example.

6. Define buoyant force Name two factors on which buoyant force depends.

7. State Archimedes principle.

8. Explain why a nail has a pointed tip

9. Define density .what is the SI unit of density.

10. How many atoms are present in a) H2S molecule and

b) H2SO4

1.Describe the main causes of French revolution.

2. What steps were taken to improve the condition of factory workers and peasants in Russia after the Civil war?

3. Why did the Tsarist autocracy collapse in 1917?

4. The central location of India at the head of the Indian Ocean is considered of great significance. Why?

5. Describe about the parallel ranges of Himalayas .

6. Give an account of weather conditions and characteristics of the Cold weather season.

 7. Mention some essential features of Democracy.

8   What is the aim of production? State any four requirements for production.

 9 Describe different types of Unemployment found in India.

10 Outline map of France 1.locate the following - i) Bordeaux ii) Nantes iii)Peris

2.On the outline map of World locate these places:

i)Allied   Power

ii)Axis Power,iii)Central power in separate eo map

3.Label the following on outline map of India

i. National Parks - Manas, Kaziranga, Simlipal, Bandipur, Rajaji, Dachigam, Dudhwa, Corbett, Gir, Kanha, Keoladeo (Ghana)

ii. Wildlife Sanctuary – Periyar, Kawal , Sariska, Chandraprabha

4.Outline map of India locate the following

i) K2 mountain peak ii) Sandard Meridians. iii) Godavari River iv)wular lake v)Chilka lake.

Advantages of having healthy population

11.Make a Art Integrated Project on Goa(Pairing state of Jharkhand)

Hints-1.History of Goa

2.Topography of Goa

3.Population,Sex ratio, Literacy Rate of Go

4.Historical monuments

5.Traditional food,dress,dance etc

You can draw pictures or paste for the project .

12.Complete the notebook work.

13.Revision of OCT split up syllabus.