



MOUNT COLUMBUS SCHOOL

DAKSHINPURI, NEW DELHI-62

SESSION: 2025-26

WINTER VACATION HOLIDAY HOMEWORK

CLASS: VI

SUBJECT – ENGLISH		
WORKSHEET NO.	TOPICS	PAGE NO.
06	Tenses	07
07	Voice: Active and Passive	08
08	Direct and Indirect Speech	09
VOCABULARY ENHANCEMENT AND CREATIVE WRITING		
01	Vocabulary Enhancement	02
02	Vocabulary Enhancement	03
03	Paragraph Writing	04
04	Composition Writing	05
05	Letter Writing	06
06	Picture Composition	07
SUBJECT – HINDI		
WORKSHEET NO.	TOPICS	PAGE NO.
2	➤ संधि	3
7	➤ संज्ञा	8
8	➤ लिंग	9
9	➤ सर्वनाम	10
10	➤ विशेषण	11
11	➤ क्रिया	12
12	➤ मुहावरे और लोकोक्तियाँ	13

विषय - संस्कृत

दिए गए कार्य को A4 साइज शीट पर कीजिए।

प्रश्न 1. परिवारस्य सदस्याणां दश नामानि संस्कृते लिखत।

प्रश्न 2. पुष्पाणां दश नामानि संस्कृते लिखत।

प्रश्न 3. नदी-गुरु-शब्दयोः रूपाणि लिखत।

प्रश्न 4. स्था तथा स्मृ धात्वोः लट्-लृट्-लकारयोः रूपाणि लिखत।

प्रश्न 5. पोस्टर निर्माण - विद्यार्थी 'अपादान कारक' पर एक पोस्टर तैयार करेंगे जिसमें उदाहरण व चित्र होंगे।

SUBJECT – MATHEMATICS

WORKSHEET NO.	TOPICS	PAGE NO.
6	➤ Factors and multiples	7
7	➤ HCF	8
8	➤ LCM	9
9	➤ Integers	10
10	➤ Integers	11
13	➤ Ratio	14
14	➤ Proportion	15
16	➤ Linear Equation	17
19	➤ Triangle	20
20	➤ Circles	21
21	➤ Perimeter and Area	22

SUBJECT-SCIENCE

WORKSHEET NO.	TOPICS	PAGE NO
6	➤ Getting to know plants	7
7	➤ Body movements	8
8	➤ Living organisms and their surroundings	9
10	➤ Light, shadow and reflection	11
12	➤ Water	13
13	➤ Air around us	14
14	➤ Garbage in garbage out	15

SUBJECT – SOCIAL SCIENCE

WORKSHEET NO.	TOPICS	PAGE NO.
01	➤ History	02
03	➤ Civics	04
06	➤ Geography	07
	➤	

SUBJECT – APTITUDE AND REASONING

WORKSHEET NO.	TOPICS	PAGE NO.
07	➤ Truth Verification Of Statement	08
08	➤ Reconstruction Of Sentences	09
09	➤ One Word Substitution	10
10	➤ Alphabetical Order	11
11	➤ Idioms	12
12	➤ Clock And Calendar	13
13	➤ Data Sufficiency	14
14	➤ Mixtures And Alligation	15

SUBJECT – GENERAL KNOWLEDGE AND LIFE SKILLS

WORKSHEET NO.	TOPICS	PAGE NO.
06	➤ How Microphone works?	07
07	➤ Seven Sister States	08
08	➤ Be Smart, Be Safe	09
09	➤ Count Your Blessings	10
10	➤ Making Others Happy	11
11	➤ Time Management	12
12	➤ Determination and Belief	13
13	➤ Being Responsible	14
14	➤ Discipline and Efficiency	15

SUBJECT – ART AND CRAFT

WORKSHEET NO.	TOPICS	PAGE NO.
04	➤ My School	05
05	➤ Tom and Fish	06
06	➤ Egyptian Necklace	07

SUBJECT – ARTIFICIAL INTELLIGENCE

Student Name: _____ **Section:** _____ **Roll No.:** _____

Instructions:

- ✓ Attempt all sections
- ✓ Write neatly and creatively
- ✓ Draw diagrams where required

NOTE:- Holiday homework has to be done in the AI notebook.

Section A: Think & Tick (MCQs)

(Tick the correct option)

1. A machine that can think and learn like humans is related to:
 - a) Computer Hardware
 - b) Artificial Intelligence
 - c) Internet
 - d) Keyboard

2. Which of the following is an example of AI?
 - a) Calculator
 - b) Smart Phone Camera
 - c) Notebook
 - d) Pen

3. Which device is used to give input to a computer?
 - a) Monitor
 - b) Speaker

- c) Mouse
- d) Printer

4. AI helps humans by making work:
- a) Slower
 - b) Difficult
 - c) Easier
 - d) Impossible

 **Section B: Answer in One or Two Lines**

1. What is Artificial Intelligence?

_____ Wr
ite one example of AI used at home.

2. Name any two input devices.

3. Why are computers called smart machines?

 **Section C: Draw & Colour**

1. Draw a **smart robot** and label any **3 parts**.
(Hint: Eyes, Arms, Brain, Sensors)

 (Use colours to make it attractive)

Section D: Match the Following

Column A	Column B
1. Keyboard	a) Shows output
2. Monitor	b) Types letters
3. Mouse	c) Gives sound
4. Speaker	d) Points & clicks

Section E: Think Like a Scientist

Imagine you have an **AI Robot Friend**.

Answer the following:

1. What is the name of your robot?

2. What work will it do for you at home or school?

3. Will it help your parents or teachers? How?

🔍 Section F: Fun Activity – AI Around Me

Tick (✓) where AI is used:

Place	Yes	No
Mobile Phone	<input type="checkbox"/>	<input type="checkbox"/>
Washing Machine	<input type="checkbox"/>	<input type="checkbox"/>
Smart TV	<input type="checkbox"/>	<input type="checkbox"/>
School Bag	<input type="checkbox"/>	<input type="checkbox"/>

✳️ Section G: Value-Based Question

AI is powerful, but humans must use it wisely.

Write **one good habit** while using technology:

🤖 ACTIVITY : AI DETECTIVE – REAL OR NOT?

Write AI or NOT AI in the box:

Thing	AI / Not AI
Google Voice Assistant	_____
Calculator	_____
Smart TV Recommendations	_____
School Bag	_____
Face Unlock in Mobile	_____

SUBJECT – INFORMATION TECHNOLOGY

NOTE: IT holiday homework should be done on A4 size sheets.

Write answers in simple words (2–3 lines each).

1. What is an algorithm? Give one daily life example.
2. What is a flowchart? Why do we draw it?
3. What is a computer language? Name any two languages.
4. What is Python used for?
5. What is an animation in PowerPoint?
6. What is a transition in PowerPoint slides?
7. What is Scratch used for?
8. What is Mail Merge in MS Word?
9. What is a formula in MS Excel? Write one example.
10. What is a function in MS Excel? Name any two functions.
11. What is the use of sorting data in Excel?
12. What is a chart in Excel? Why do we use charts?
13. What is e-mail?
14. Write any two rules of web safety while using the internet.

2: SKILL TABLE – ONE FROM EACH CHAPTER

Fill this table. Write in very short form.

Chapter / Topic	One Tool / Feature Name	What It Does (1 short line)
Algorithm & Flowchart		
Computer Language & Python		
PowerPoint Animation / Transition		
Scratch Game Creation		
Word – Mail Merge		
Excel – Formulas & Functions		
Excel – Sorting / Filtering Data		
Excel – Charts		
Internet – Email / Web Safety		

(Students can use examples like: SUM function, bar chart, slide transition, Scratch sprite,

etc.)

3: MINI TASKS (CHAPTER-WISE THINK & WRITE)

Write steps in simple points (not actual computer work).

1. Algorithm and Flowchart

- Write an algorithm (5–6 steps) to:
 - “Make a cup of tea” OR “Get ready for school”.
- Draw a small flowchart for your algorithm (on notebook or A4). Use start, process, decision, stop symbols.

2. Python Basics (Computer Language)

- Write the meaning of:
 - a) Syntax
 - b) Variable (with one simple example like `age = 12`)
- Write any three rules to write correct Python statements.

3. PowerPoint – Animation and Transition

- Write any two differences between animation and transition.
- List three things you can animate in a slide (text, picture, shape, etc.).

4. Scratch Game Idea

- Write the name of a game you could make in Scratch.
- Write any three game rules in points.
- Name:
 - One sprite you will use.
 - One event block (like “when green flag clicked”).

5. Mail Merge (MS Word)

- In 3–4 steps, explain how Mail Merge helps to send many letters with different names.
- Write one real-life use: school circulars, certificates, invitations, etc.

6. Excel – Formulas and Functions

- Write any two formulas you can use in Excel (for example, to add or subtract).
- Write any two functions (like SUM, AVERAGE) and what they do.

7. Excel – Working with Data

- What is the use of sorting marks of students?
- What is the use of filtering data in a table? (1–2 lines.)

8. Excel – Charts

- If you have marks of 5 subjects, which type of chart will you choose and why? (bar, column, pie).

9. Communication using Internet

- Write four parts of an e-mail window: To, From, Subject, Message body.
- Write any three good habits when sending emails or chatting online (netiquette).

4: CREATE & DESIGN (DRAWING + STEPS)

Do ANY TWO of these tasks on A4 sheets.

1. Draw a PowerPoint slide showing:
 - A title, one picture, and show where you will add animation and transition.
 - Below the drawing, write 4 steps: “How to add animation to a picture”.
2. Draw a Scratch game screen:
 - Show the sprite, stage, and one score display.
 - Below the drawing, write 4–5 steps: “How the game works from start to end”.
3. Draw an Excel sheet with marks of 5 students in 3 subjects:
 - Show columns: Name, Maths, Science, English, Total.
 - Below it, write which formula you will use to calculate Total.
4. Draw an email compose window:
 - Show: To, Subject, Message area, Send button.
5.
 - Write a sample subject line and a one-line message to your teacher.

5: INTERNET SAFETY & GOOD USE (REFLECTION)

Answer in 2–3 lines each.

1. Why is it important not to share your password with friends?
2. What will you do if you get a message from a stranger asking for your personal details?
3. Write any three rules you will follow to use the internet safely and politely.

This sheet covers all the chapters briefly and keeps language and tasks easy for class 6 while still touching every key skill.