

MOUNT COLUMBUS SCHOOL

NEW DELHI

2026-27

SUMMER VACATION

HHW



Stay Hydrated
Drink plenty of water and stay fresh!



Eat Healthy
Have fruits, salads and light meals.



Stay Protected
Wear a hat, sunglasses and use sunscreen.



Keep Learning
Read books, learn new things and explore!



Stay Active
Play indoor games, do yoga and exercise.



Be Kind
Help others, spend time with family and friends.



Relax,
Refresh,
Recharge!

Enjoy, Explore, Excel!

Make wonderful memories
this summer! ♥

CLASS: VII

Note:- The holiday homework to be done in the holiday homework booklet.

ENGLISH

Worksheet No.	Topic	Page No
1.	Nouns and Pronouns	2
2.	Adjectives and Degrees of comparison	3
3.	Determiners and Articles	4
7.	Adverbs	8
14.	Punctuations	15
15.	Synonyms and Antonyms	16
16.	Homophones	17
17.	Idioms and Proverbs	18
18.	Reading Comprehension-1	19
20.	Notice and Paragraph Writing	21
22.	Poster Making	23

हिंदी

क्रम संख्या	विषय	कार्यपत्रक संख्या / पृष्ठ संख्या
1	शब्द विचार	अभ्यास-पत्र-1 / पृष्ठ संख्या-2
2	उपसर्ग / प्रत्यय	अभ्यास-पत्र-3 / पृष्ठ संख्या-4
3	अशुद्धि शोधन	अभ्यास-पत्र-8 / पृष्ठ संख्या-9
4	अपठित-बोध	अभ्यास-पत्र-9 / पृष्ठ संख्या-10
5	संवाद-लेखन	अभ्यास-पत्र-10 / पृष्ठ संख्या-11
6	पत्र-लेखन	अभ्यास-पत्र-12 / पृष्ठ संख्या-13

संस्कृत

1. लङ्-लकार प्रथम पुरुष पर आधारित नाटक बनाकर भूतकाल के वाक्य बोलना ।
 2. लङ्-लकार: (मध्यम: पुरुष:) पर आधारित कॉमिक स्ट्रिप बनाकर वाक्य लिखना ।
 3. घूमने वाला (Rotating) मॉडल - बच्चे एक गोल आधार पर ग्रहों को इस प्रकार लगाएँगे कि वे पिन या मोटर की सहायता से सूर्य के चारों ओर घूम सकें ।
- (नोट- ये सभी कार्य A4 आकार शीट पर करें)

MATHEMATICS

S. NO.	Topic	Worksheet no./Page no.
1	Large numbers around us	Worksheet 1/ Pg No. 2-3
2	A peek beyond the point	Worksheet 3 / Pg No. 6-7
3	Number play	Worksheet 6 / Pg No. 11
4	Working with fraction	Worksheet 8 / Pg No. 14-15
5	Operations with integers	Worksheet 10 / Pg No. 17
6	Finding common ground	Worksheet 11 / Pg No. 18
7	Finding the unknown	Worksheet 15 / Pg No. 23

SCIENCE

S. NO.	Topic	Worksheet No./Page no.
1	Changes around us: Physical and chemical	Worksheet 4/ Pg No. 8-9
2	Measurement of Time and Motion	Worksheet 7 / Pg No. 14 -15
3	Life process in plants	Worksheet 9 / Pg No. 18-19
4	Earth, Moon and the Sun	Worksheet 11 / Pg No. 22-23

SOCIAL SCIENCE

S. NO.	Topic	Worksheet no./Page no.
1	Geographical Diversity of India.	Worksheet 1/ Pg No. 2
2	Understanding the Weather	Worksheet 2 / Pg No. 3
3	Climates of India	Worksheet 3 / Pg No. 4
4	New Beginnings: Cities and States.	Worksheet 4 / Pg No.5
5	The Rise of Empires	Worksheet 5 / Pg No. 6-7
6	The Age of Reorganisation	Worksheet 6 / Pg No. 8-9
7	How the Land Becomes Sacred	Worksheet 8 / Pg No. 11
8	From The Rulers of the Ruled: Types of Government	Worksheet 9 / Pg No. 12
9	The Constitution of India- An Introduction	Worksheet 10 / Pg No. 13
10	India and Her Neighbours	Worksheet 14 / Pg No. 17

NCERT based workbook- Complete the QA, QB and QC of the following Chapters:-

Ch1, Geographical Diversity of India, Ch-4, New Beginnings: Cities and States, Ch-5-Rise Of Empires, Ch-9, From the Rulers to the Ruled: Types of Governments.

*Make a replica of Mauryan Art using moulding clay.

KAUSHAL BODH

PUPPET MAKING: Write a story and make the puppets for the same. Take help from the Project 5: Storytime with Puppets of your Kaushal Bodh Book.

COMPUTER SCIENCE (IT)

S. NO.	Topic	Worksheet no./Page no.
1	Number System	Worksheet 1/ Pg No. 2
2	Charts in Excel 2016	Worksheet 2 / Pg No. 3-4
3	Advance Features of Excel 2016	Worksheet 3 / Pg No. 5-6

ARTIFICIAL INTELLIGENCE

Project Title: “Language & Data Around Me”

You will prepare **one integrated project file** with the following tasks.

TASK 1: NLP in Everyday Apps

Objective: To identify and understand the role of NLP in daily applications.

Steps:

1. On one A4 sheet, write the heading: “**NLP Around Me**”.
2. List at least **5 applications** that use NLP, such as:
 - Chatbots
 - Google Assistant/Siri
 - Language translators
 - Auto-correct / predictive text
 - Voice typing / speech-to-text.
3. Choose **one** application from your list and:
 - Write a **sample sentence** you would speak or type to it.
 - Break that sentence into **tokens** (individual words or pieces) in a line below (like the word-card tokenization activity).
 - In **4–5 lines**, explain how a computer might process or “understand” this sentence, using concepts from “Introduction to NLP”.

TASK 2: Data Survey – Collect, Organise, Calculate

Objective: To collect real data and compute basic statistics.

Steps:

1. Choose **one simple topic** for a small survey among 10–15 people (friends/family/neighbours), for example:
 - Favourite subject
 - Average study time per day
 - Daily screen time group (0–1 hour, 1–2 hours, 2–3 hours, etc.).
2. Draw a table with columns:
 - Person No.
 - Name/Initials
 - Response
3. Collect data from at least **10 people** and fill the table.
4. Make a **frequency table** showing how many people chose each response.
5. Using the frequency table, calculate:
 - **Mean** (average) – where meaningful,
 - **Median,**
 - **Mode,**as taught in the chapter “Statistical Data”.

TASK 3: Graph & Interpretation

Objective: To represent collected data visually and interpret it.

Steps:

1. Use the data from Task 2 to draw:
 - At least **one bar graph** OR
 - **One pie chart** (you may draw by hand with scale/compass or use Google Sheets/excel and print it).
2. Add axes labels (for bar graph) or proper legend (for pie chart).
3. Below the graph, write **3–4 lines** interpreting the data:
 - Which option is the most common?
 - Any interesting pattern or surprise you observed?

SUBMISSION – CLASS VII

Arrange your project file as follows:

1. Cover Page (Name, Class, Section, Roll No., “Language & Data Around Me”).
2. Task 1 – NLP in Everyday Apps.
3. Task 2 – Survey Tables & Calculations.
4. Task 3 – Graph & Interpretation.

Submission instructions:

- **Email Submission:**

- Scan/click clear photos or export as a PDF.
- Email to **naushad.mtcolumbus@gmail.com** with subject line:
 - “Class 7 – AI Holiday Homework – [Your Name]”.
- **Deadline for email:** On or before **30 June 2026**.
- **Physical Submission:**
 - Submit the project file in class in **July 2026**, on the date announced by your class teacher.

GENERAL AWARENESS

S. NO.	Topic	Worksheet no./Page no.
1	The Eight Limbs Of Yoga	Worksheet 1/ Pg No. 2
2	Indian Space Launches	Worksheet 2 / Pg No. 3
3	Guess the River	Worksheet 3 / Pg No. 4
4	Indian Armed Forces	Worksheet 4 / Pg No.5
5	The Animal kingdom	Worksheet 5 / Pg No. 6
6	Marvels Across The Globe	Worksheet 6 / Pg No. 7
7	Knowing Reptiles	Worksheet 7 / Pg No. 8
8	Global Organisation	Worksheet 8 / Pg No. 9
9	Artificial and Human Intelligence	Worksheet 9 / Pg No. 10
10	Guess the Game	Worksheet 10/ Pg No. 11
11	Cyber Terms	Worksheet 11/ Pg No. 12

ART AND CRAFT

Topic

1. Draw and colour a Warli art composition in your sketchbook.
2. Make a flower vase using recycled plastic bottles or cardboard.
3. Create a greeting card using quilling or paper folding techniques.