

# MCP SCHOOL SECTOR -1 MALVIYA NAGAR, JAIPUR

## Winter Holiday homework, SESSION - 2025-2026

### Class 8<sup>th</sup>

#### Dear child

Holidays are an integral part of a student's life. It is a time for fun, a time to explore and a time to learn in different ways. When holidays are given a meaningful direction, it results in a productive and enjoyable time. Let's use these holidays to pursue some hobbies and apply our minds creatively to learn new things and to bring a change in the environment, in our own individual way.

#### GENERAL INSTRUCTIONS TO BE FOLLOWED WHILE DOING HOLIDAY HOMEWORK:

1. Take a printout of the holiday homework (worksheet, if any). However, some worksheets for various subjects have been given already in class. Printout of the same can be taken, if needed.
2. Holiday homework should be done as per the instructions given (on A-4, A-3 size sheets or chart, notebook or file).
3. All sheets should be put together (tied/stapled) and handed over to the respective subject teachers on the first day of re-joining after winter break.
4. Subject-wise folder can also be made for the submission of holiday homework. It should be labelled properly indicating clearly the name, class, roll no. and subject.
5. Homework will be assessed for the neat handwriting, presentation, creativity and submission of the work on time.
6. Parents can be facilitator at home. However, the work should be done independently by the child in his/her own handwriting.

#### ➤ English:-

- ☆ Write 10 sentences in Present Tense and change them to Past and Future Tense.
  - ☆ Write 10 idioms and 10 phrases and explain their meanings.
  - ☆ Write a paragraph on "Best ideal in life for students."
- Do all work in file.

#### ➤ Maths:-

- ① Learn all formulas of your syllabus
- ② Make a pie chart of your UT-2nd exam marks.
- (3) Find the volume of your Lunchbox and water bottle, who has more volume
- (4) Your Father age =  $x^2$   
your sister age =  $7x$   
your elder brother's age = 10  
make algebra expression and simplify  
[Hint =  $a^2 + 2ab + b^2$ ]

(5) if your father borrow the money from bank on the 5% interest for 2 years. Find the compound interest

(All work do in file)

➤ **Science:-**

- 1 .Learn lesson - 12
2. What is Air Quality and AQI ? Find out the AQI of five most populated cities, and find reason behind this.  
How can polluted air affect the human respiratory system?
3. Students can design brochure that provides information about healthy eating habits, exercise and the importance of sleep during adolescence (A-4 size)
4. Make a 3-D model and write about this according to your roll number :
  - a) model of "Periscope" roll no. 1 to 4
  - b) model of "Kaleidoscope" roll no. 5 to 8
  - c) model of "Human eye" roll no.9 to 12
  - d) model of "Drip irrigation system" roll no. 13 to 16
  - e) model of " Geo stationary and polar orbit satellite" roll no. 17 to 20

( All work done in file )

➤ **S.st:-**

- \* Write a short biography of a famous person you admire. This person can be a scientist is sport person, artist, explorer or a leader.
- \* Get into the time machine to visit a Pathshala of ancient time and observe the education system of that time then come back and compare that education system with that of today.

➤ **Hindi:-**

1. हिंदी साहित्य में कौन-कौन से पुरस्कार दिए जाते हैं ।उनके नाम लिखिए । (फाइल में)
2. जीवन में मस्ती होनी चाहिए लेकिन कब मस्ती हानिकारक हो सकती है अपने विचार लिखिए । (फाइल में)
3. आपके सपनों का भारत कैसा होना चाहिए ? अपने विचार लिखिए ।( फाइल में)
4. आपके विद्यालय में खेल दिवस का आयोजन किया गया था इसके बारे में अपने विचार लिखिए । (फाइल में)

➤ **Sanskrit:-**

1. ' आर्यभट्टस्य ' विषये दश संस्कृत वाक्यानि लिखते ।
2. ' इदम 'तीनो लिंगों में सर्वनाम शब्द रूप लिखें।
3. प्रत्यय- क्त , क्तवतु तथा तुमुन् प्रत्यय के उदाहरण लिखें व याद करें।
4. वृद्धि तथा यणसंधि के पांच पांच उदाहरण लिखें ।
5. द्वितीया , तृतीया तथा पंचमी विभक्ति की उपपद विभक्ति लिखिए।

(सभी कार्य फाइल में करें)

➤ **G.K:-**

Make a file on the topic "Asian Games."

Include:

- . Introduction to Asian Games

- . History of the Asian Games
- . India's participation and achievements
- . Any five Indian medal winners (with picture and 3–4 lines each)
- . List of major sports played
- . A short note on Asian Games 2023

Write neatly with proper headings and paste pictures.

➤ **Computer:-**

Topic: DIGITAL INDIA

Make a file on Digital India explaining how our country has become smart and digital in recent years. Also add pictures or drawings. Your file should include a simple explanation of Digital India and how people today use technology in everyday life. You must also describe modern digital tools such as UPI, Aadhaar and biometrics, Artificial Intelligence and social media (its advantages and its risks).

Make your file neat, colourful and attractive.

**WISH YOU A VERY HAPPY NEW YEAR  
ENJOY YOUR HOLIDAYS**