

# DELHI WORLD PUBLIC SCHOOL, MOGA

# HOLIDAY HOMEWORK



## COMPUTER – GRADE 7

Happy Learning and Happy Holidays!



### TOPICS COVERED

-  Ch-1 Artificial Intelligence and Society
-  Ch-2 Machine Learning and Deep Learning
-  Ch-3 Natural Language Processing



### TASK – 1 (5 MARKS)

#### ARTIFICIAL INTELLIGENCE AND SOCIETY

A. List any five ways AI is used in our society. Write one example for each.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

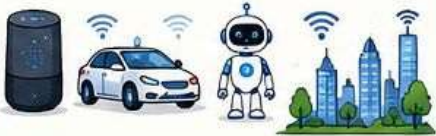
B. Write any two positive impacts and two negative impacts of AI on society.

#### Positive Impacts

1. \_\_\_\_\_
2. \_\_\_\_\_

#### Negative Impacts

1. \_\_\_\_\_
2. \_\_\_\_\_



### TASK – 2 (5 MARKS)

#### MACHINE LEARNING AND DEEP LEARNING

A. Fill in the blanks.

1. Machine Learning is a type of \_\_\_\_\_.
2. Deep Learning uses \_\_\_\_\_ networks.
3. Machine Learning learns from \_\_\_\_\_.
4. Deep Learning works well with \_\_\_\_\_ amounts of data.

B. Differentiate between Machine Learning and Deep Learning.

Feature	Machine Learning	Deep Learning
1. Definition		
2. Data Requirement		
3. Complexity		
4. Example		



### TASK – 3 (5 MARKS)

#### NATURAL LANGUAGE PROCESSING

A. Match the following.

1. NLP	a. Detects emotions in text
2. Chatbot	b. Converts speech to text
3. Speech Recognition	c. Understands human language
4. Machine Translation	d. Translates one language to another
5. Sentiment Analysis	e. Conversational AI program

B. Write any two applications of Natural Language Processing.

1. \_\_\_\_\_
2. \_\_\_\_\_

C. Name any two popular NLP tools or platforms.

1. \_\_\_\_\_
2. \_\_\_\_\_



### TASK – 4 (5 MARKS)

#### CASE STUDY

Read the case study below and answer the questions.

A hospital uses AI to analyze patient data and medical images. It helps doctors detect diseases early, suggest treatments and manage patient records efficiently.

A. Which area of AI is being used in this case?

B. How does AI benefit patients and doctors?

C. What ethical concern should be considered while using AI in healthcare?



### TOTAL MARKS

# 30

Task-1: 5 Marks

Task-2: 5 Marks

Task-3: 5 Marks

Task-4: 5 Marks

Portfolio: 10 Marks



### PORTFOLIO ACTIVITY (10 MARKS)

#### MY AI EXPLORATION BOOK

Create a 4–5 page scrapbook on the given topics.



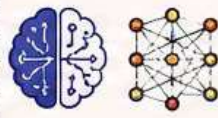
#### PAGE 1

AI in Our Daily Life



#### PAGE 2

Machine Learning vs Deep Learning



#### PAGE 3

NLP in Action



#### PAGE 4

AI Tools I Use



#### PAGE 5

My Vision for an AI-Powered Future



Presentation, creativity and neatness will be considered.





# DELHI WORLD PUBLIC SCHOOL MOGA

## ★ STRIVING TOWARDS PERFECTION ★ GRADE 7 ENGLISH ★ HOLIDAY HOMEWORK ★

### MARKS BREAKUP

TASK 1 (SPEAKING)	5 MARKS
TASK 2 (LISTENING)	5 MARKS
TASK 3 (LITERATURE & ART)	5 MARKS
TASK 4 (GRAMMAR & VOCAB)	5 MARKS

PORTFOLIO (OUT OF 10) 10 MARKS

**TOTAL: 30 MARKS**

SYLLABUS: Unit-1: India, My India, the Land of My Dreams | Unit-2: Dad Bakes a Lemon Cake | Unit-3: Suvira | Unit-4: The Listeners

### 1 SPEAKING SKILLS TASK

5 MARKS

#### "My India, My Pride"

Prepare a 2-3 minute speech on:

#### "Why India is Special to Me"

Include:

- ★ Famous places or culture
- ★ What you love about India
- ★ Values and traditions
- ★ A strong concluding line



#### CRITERIA:

- ✓ Fluency & Confidence
- ✓ Clear Pronunciation
- ✓ Expression & Eye Contact
- ✓ Content Relevance

★ Students must be ready for oral presentation after the vacations.

### 2 LISTENING SKILLS TASK

5 MARKS

Listen to the Audio/Podcast:

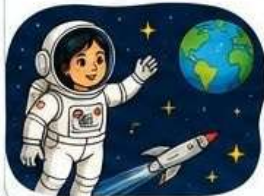
#### "The Story of Kalpana Chawla – Reaching for the Stars"

(Available on YouTube / Spotify – TED Talks)



Answer the following questions:

1. What were Kalpana Chawla's dreams from a young age?
2. What challenges did she face in her journey?
3. How did she achieve her goal?
4. What inspired her to become an astronaut?
5. What message does her story give us?
6. Write any two new words you learnt from the talk with their meanings.



#### INSTRUCTIONS:

- Write answers in complete sentences.
- Attempt neatly in your notebook.

### 3 LITERATURE & ART TASK

5 MARKS

From the chapter:

#### "Dad Bakes a Lemon Cake"

Imagine you are helping your father/mother bake a cake.

Write a short paragraph describing:

- ★ The ingredients used
- ★ Steps of baking
- ★ Your feelings while helping
- ★ What you learnt from the activity



#### Also Include:

A colourful hand-drawn illustration related to the chapter.



#### CRITERIA:

- ✓ Creativity
- ✓ Understanding of the chapter
- ✓ Expression of ideas
- ✓ Neatness & Presentation

### 4 GRAMMAR & VOCABULARY ENRICHMENT

5 MARKS

From the following units:

- Unit-1: India, My India, the Land of My Dreams
- Unit-2: Dad Bakes a Lemon Cake
- Unit-3: Suvira
- Unit-4: The Listeners

Do the following:

- ★ Choose 5 new words from each unit.

For every word, write:

- 1 Meaning
- 2 Synonym
- 3 Sentence of your own



**TOTAL WORDS = 20**

### 5 ENGLISH PORTFOLIO TASK

OUT OF 10

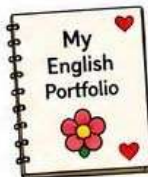
Prepare a creative English Portfolio File on the theme:

#### "My Journey, My Learning"



#### 1 COVER PAGE

Creative title and decoration



#### 2 STUDENT INTRODUCTION

Write a short introduction about yourself.



#### 3 LEARNING REFLECTION

What did you learn from each English unit?



#### 4 FAVOURITE UNIT REVIEW

Write about your favourite unit and why you liked it.



#### 5 INSPIRATIONAL QUOTE PAGE

Write one inspirational quote with decoration.



#### 6 CREATIVE PAGE

Choose any one:  
• Poem / Story  
• Article / Paragraph  
• Doodle / Collage



#### 7 READING LOG

Mention one English book or story you read during holidays.



#### 8 SELF-ASSESSMENT

"How I can improve my English skills."



#### CRITERIA:

- ★ Creativity & Originality
- ★ Language Accuracy
- ★ Presentation
- ★ Completion of all components



#### INCLUDE:



Drawings/ Pictures



Colouring wherever required



Labels & Headings



Neat Handwriting



Creativity & Original Work

#### → GENERAL INSTRUCTIONS ←

- ★ Complete all tasks neatly in your English notebook
- ★ Use A4 sheets or a scrapbook/file for the portfolio.
- ★ Use colours, drawings, stickers and creative presentation.



Submission date will be informed later by the school.  
★ Do your best work independently.



★ ★ ★ ★ ★ Happy Holidays! Keep Learning, Keep Growing! ★ ★ ★ ★ ★



# DELHI WORLD PUBLIC SCHOOL, MOGA

★ STRIVING TOWARDS PERFECTION ★

## HOLIDAY HOMEWORK

GRADE 7

हिंदी



### MARKS BREAKUP

TASK 1	5 MARKS
TASK 2	5 MARKS
TASK 3	5 MARKS
TASK 4	5 MARKS
PORTFOLIO (OUT OF 10)	10 MARKS

TOTAL: 30 MARKS

**अप्रैल पाठ्यक्रम:** पाठ-1 (दुकरा दो या प्यार करो) | पाठ-2 (राजधर्म) | पाठ-3 (टेसे पर हिमालय) **व्याकरण:** पाठ-1 (भाषा एवं व्याकरण) | पाठ-2 (वर्ण विचार और उच्चारण) | पाठ-4 (शब्द विचार) | पाठ-6 (पर्यायवाची शब्द)

**मई पाठ्यक्रम:** पाठ-4 (शाम मुक्ति) | पाठ-5 (कलम आज उनकी जय बोल) | **व्याकरण:** पाठ-11 (संज्ञा) | पाठ-12 (लिंग) |

### 1 पठन-कथन कार्य 5 MARKS

निम्नलिखित विषयों में से किसी एक पर 100-120 लिखिए-

- ★ 1. मेरा प्रिय लेखक
- ★ 2. सत्य की जीत
- ★ 3. हिमालय - हमारी धरोहर
- ★ 4. राजधर्म का महत्व



### 2 श्रवण कार्य (Listening) 5 MARKS

नीचे दिए गए लिंक पर कहानी ध्यानपूर्वक सुनें -



हिंदी कहानी - सुनें यहाँ

[https://youtu.be/PJcX4nGf1bg?si=IGJE\\_c616clh8JOB](https://youtu.be/PJcX4nGf1bg?si=IGJE_c616clh8JOB)

सुनने के बाद प्रश्नों के उत्तर लिखिए -

1. रमेश के बच्चों का क्या नाम था?
2. गाँव में कौन सा रिवाज नहीं था?
3. मीना के भाई का क्या नाम था?
4. सीता ने मीना का हौसला देख कर क्या किया?
5. गाँव में कौन सी बड़ी बात थी?
6. मीना की कहानी से क्या सीख मिलती है?



### 3 वाचन एवं वक्तृत्व कार्य (Speaking) 5 MARKS

निम्नलिखित विषयों में से किसी एक विषय पर 2-3 मिनट का मौखिक भाषण दीजिए -

- ★ 1. मेरा विद्यालय
- ★ 2. पर्यावरण संरक्षण
- ★ 3. मेरा स्वप्न भारत
- ★ 4. मेरा प्रिय त्यौहार

अपनी बात स्पष्ट, सूटीक और आत्मविश्वास के साथ प्रस्तुत करें।



### 4 रचनात्मक लेखन 5 MARKS

निम्नलिखित में से किसी एक विषय पर 120-150 शब्दों में लिखिए -

- ★ 1. पुस्तकें हमारा सच्चा मित्र
- ★ 2. समय का सदुपयोग
- ★ 3. खेल का महत्व
- ★ 4. अनुशासन का महत्व



### 5 हिंदी पोर्टफोलियो कार्य OUT OF 10 MARKS

एक सुंदर हिंदी पोर्टफोलियो फाइल बनाइए। इसमें निम्नलिखित पूछ अवश्य शामिल करें-

#### 1. आवरण पृष्ठ

अपना नाम, कक्षा, विषय, सत्र लिखें।



#### 2. कविता पृष्ठ

पाठ "टेसे पर हिमालय" की कविता की 4-5 पंक्तियाँ सुंदर लेखन में लिखें और चित्र बनाएं।



#### 3. कहानी पृष्ठ

पाठ "शाम मुक्ति" या "राजधर्म" की कहानी का संक्षिप्त सार और सीख लिखें।



#### 4. व्याकरण पृष्ठ

संज्ञा, लिंग, वचन, सर्वनाम के 5-5 उदाहरण लिखें।



#### 5. रचनात्मक पृष्ठ

"स्वराज्य की नींव" या "भारत का भविष्य" विषय पर चित्र/कोलाज बनाएं।



पुस्तिका बनाते समय:

- ✓ स्वच्छता एवं सुलजा
- ✓ सामग्री की प्रस्तुति
- ✓ रचनात्मकता
- ✓ व्याकरण की शुद्धता
- ✓ समय पर कार्य जमा करना



INCLUDE:



साफ और सुंदर लिखावट करें।



चित्र बनाएं और रंग भरें।



शीर्षक और उपशीर्षक दें।



रचनात्मकता दिखाएं।

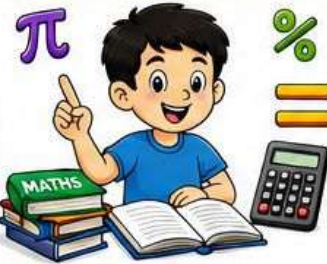
#### → GENERAL INSTRUCTIONS

- ★ सभी कार्य साफ-सुथरे और रचनात्मक ढंग से करें।
- ★ A4 शीट/रजिस्टर का उपयोग करें।
- ★ समय पर काम पूरा कर जमा करें।



शुभ अवकाश!



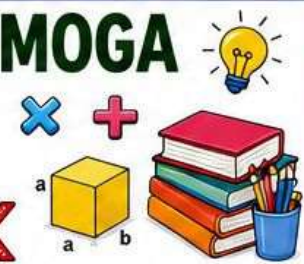


# DELHI WORLD PUBLIC SCHOOL MOGA

★ Striving Towards Perfection ★

## CLASS 7 - MATHEMATICS

# HOLIDAY HOMEWORK



**MARKS BREAKUP**

SUBJECT ENRICHMENT ASSESSMENT (SEA) 20 MARKS

PROJECT FILE 10 MARKS

**TOTAL: 30 MARKS**

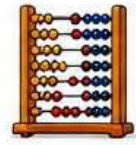
### 1 LARGE NUMBERS AROUND US (5 MARKS)

- Write the number names of the following.
  - 7,45,36,892 \_\_\_\_\_
  - 1,23,45,67,890 \_\_\_\_\_
- Expand the numbers according to place value.
  - 56,78,93,201 = \_\_\_\_\_
  - 9,87,65,43,210 = \_\_\_\_\_
- Compare the large numbers using >, < or =.
  - 73,56,89,123  73,56,98,123
  - 1,00,00,000  99,99,999
  - 5,67,34,891  5,67,34,891
- Arrange the numbers.
 

98,76,54,321	12,34,56,789	76,54,32,109	23,45,67,890
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- Write real-life examples where large numbers are used.
  - \_\_\_\_\_
  - \_\_\_\_\_



**DID YOU KNOW?**  
The population of the world (approx.) is more than 8,000,000,000!



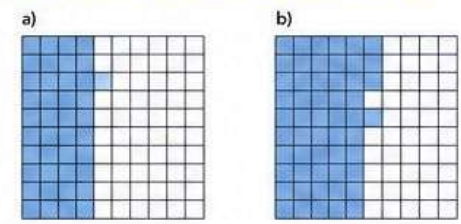
### 2 ARITHMETIC EXPRESSIONS (5 MARKS)

- Simplify the expressions using BODMAS rule.
  - $24 + 36 \div 6 \times 5 - 8 =$  \_\_\_\_\_
  - $(54 - 18) \times 3 + 12 \div 4 =$  \_\_\_\_\_
  - $72 \div [6 + \{3 \times (7 - 4)\}] =$  \_\_\_\_\_
- Solve the following expressions.
  - $125 + 48 - 36 \div 4 \times 3 =$  \_\_\_\_\_
  - $84 \div 2 + 6 \times 7 - 9 =$  \_\_\_\_\_
  - $150 - [20 + 5 \times (3 + 2)] =$  \_\_\_\_\_
- Fill in the boxes.
  - $36 + \square \times 5 = 86$
  - $(72 - \square) \div 4 = 10$
  - $8 \times \square + 15 = 63$
- Solve the word problem.  
Rohit buys 5 notebooks at ₹48 each, 3 pens at ₹25 each and a bag for ₹375. If he gives a ₹1000 note, how much money will he get back? \_\_\_\_\_
- Create your own arithmetic puzzle.  
Use +, -, x, ÷ and brackets to make the answer 50.  
Use the numbers: 2, 3, 4, 5 (each once)  
-      = 50



### 3 A PEEK BEYOND THE POINT (5 MARKS)

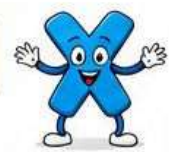
- Represent the following decimals on the number line.
  - 0.3
  - 1.6
  - 2.25
- Compare the decimals using >, < or =.
  - 3.45  3.54
  - 0.78  0.87
  - 2.1  2.01
- Convert the following fractions into decimals.
  - $\frac{3}{4} =$  \_\_\_\_\_
  - $\frac{5}{8} =$  \_\_\_\_\_
  - $\frac{7}{10} =$  \_\_\_\_\_
- Add or subtract the decimals.
  - $4.75 + 2.36 =$  \_\_\_\_\_
  - $7.8 - 3.47 =$  \_\_\_\_\_
  - $12.5 + 4.37 =$  \_\_\_\_\_
  - $9.65 - 2.48 =$  \_\_\_\_\_
- Write the decimal represented by the shaded part.



(Each grid has 100 small squares)

### 4 EXPRESSIONS USING LETTER-NUMBERS (5 MARKS)

- Underline the variables and circle the constants.
  - 3x + 5
  - 2a - 7b + 9
  - 4m<sup>2</sup> + 6m - 2
- Write algebraic expressions for the following.
  - Three times a number x added to 9. \_\_\_\_\_
  - The difference of twice a number y and 15. \_\_\_\_\_
  - The product of 7 and a number n decreased by 4. \_\_\_\_\_
- Simplify the expressions.
  - 5x + 3x = \_\_\_\_\_
  - 7a - 2a + 4a = \_\_\_\_\_
  - 6p + 9 - 2p - 3 = \_\_\_\_\_
- Solve the puzzle.  
If  $2x + 5 = 15$ , find the value of:  
a) x + 3    b) 3x - 4    c) 5x
- Create your own algebraic pattern.  
Write the next two terms in the pattern.
  - 2n, 2n + 3, 2n + 6, 2n + 9, \_\_\_\_\_, \_\_\_\_\_
  - 3m, 3m - 2, 3m - 4, 3m - 6, \_\_\_\_\_, \_\_\_\_\_



**ALGEBRA TILES**

x	x <sup>2</sup>	-x	1
2x	y	-y	-1

### PROJECT FILE (10 MARKS) "CONSUMER RIGHTS"

- Prepare a project file on "Consumer Rights" including the following:
- ★ Introduction to Consumer Rights
  - ★ History and need for Consumer Protection
  - ★ Rights of Consumers (Right to Safety, Information, Choice, to be Heard, to Seek Redressal, etc.)
  - ★ Consumer Responsibilities
  - ★ Consumer Protection Act, 2019
  - ★ Consumer Redressal Agencies
  - ★ Case Study / Real-life Examples
  - ★ Slogans, Posters and Creative Designs



#### PROJECT FILE INSTRUCTIONS:

- ★ Use A4 sheets / project file
- ★ Neat handwriting and colouring
- ★ Add labels and pictures
- ★ Use headings and subheadings
- ★ Make the project creative and attractive



Project File will be assessed on:

Content & Research	2 Marks
Presentation & Creativity	2 Marks
Neatness & Organisation	2 Marks
Charts, Diagrams & Images	2 Marks
Overall Impact	2 Marks
<b>TOTAL: 10 MARKS</b>	

**INCLUDE:**

- Colouring
- Drawings / Pictures
- Labels
- Mathematical Practice
- Neat Handwriting
- Creativity
- Puzzles

**GENERAL INSTRUCTIONS**

- Complete the work neatly in scrap book/spiral file.
- Use proper colouring and neat presentation.
- Submit neatly labelled work with Name, Class & Section.





# DELHI WORLD PUBLIC SCHOOL MOGA

★ Striving Towards Perfection ★

## CLASS 7 – SOCIAL SCIENCE (S.ST)

# HOLIDAY HOMEWORK



### MARKS BREAKUP

SUBJECT ENRICHMENT  
ASSESSMENT (SEA)  
20 MARKS

PORTFOLIO TASK  
10 MARKS

TOTAL: 30 MARKS

### 1 GEOGRAPHICAL DIVERSITY (5 MARKS) OF INDIA

Answer the following:

1. What is geographical diversity?
2. Name the major physical divisions of India.
3. How do mountains and plains differ?
4. Draw and label the physical map of India showing:
  - Mountains
  - Plains
  - Desert
  - Coastal regions
5. Write 5 lines on "Unity in Diversity in India."



### 2 UNDERSTANDING THE WEATHER (5 MARKS)

Complete the following:

1. What is weather?
2. Differentiate between weather and climate.
3. Name the instruments used to measure:
  - Rainfall
  - Temperature
  - Wind direction
4. Prepare a 5-day weather chart of your city.
5. Draw symbols representing sunny, rainy, cloudy, and windy weather.



### 3 NEW BEGINNINGS: CITIES AND STATES (5 MARKS)

Integrated Activity: "My State – My Pride"

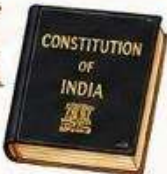
1. Write about Punjab's famous cities.
2. Paste pictures of important monuments or places.
3. Compare one ancient city with a modern city.
4. Locate and label 5 major cities of India on the map.
5. Write a short paragraph on "How cities help in development."



### 4 THE RISE OF EMPIRES / TYPES OF GOVERNMENT / CONSTITUTION OF INDIA (5 MARKS)

Answer the following:

1. Name any two important Indian empires.
2. Why were empires important in history?
3. What is a government?
4. What is the Constitution of India?
5. Write 5 Fundamental Duties of Indian citizens.



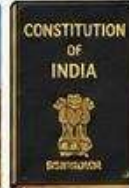
### PORTFOLIO TASK (10 MARKS) "MY INDIA – HERITAGE, GOVERNMENT & CULTURE"

Students will prepare a creative scrapbook / portfolio including:

- ★ Physical map of India
- ★ Information about the Constitution of India
- ★ Weather chart of one week
- ★ Timeline of any one empire
- ★ Pictures of famous Indian cities
- ★ Drawings / pictures of cultural diversity in India



WEATHER CHART						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
32°C	31°C	30°C	29°C	32°C	33°C	31°C
24°C	23°C	24°C	23°C	24°C	25°C	24°C



TIMELINE – MAURYA EMPIRE		
322 BCE	268–232 BCE	185 BCE
Chandragupta Maurya founded the empire.	Ashoka the Great ruled the empire.	Decline of Maurya Empire.



Portfolio Instructions:

- Use A4 sheets / scrapbook file
- Neat handwriting and colouring
- Add labels and pictures
- Make the portfolio creative and attractive



INCLUDE:



Drawings / Pictures



Colouring



Labels



Short Sentences



Neat Handwriting



Creativity



Use neat handwriting.



Do colouring wherever required.



Complete the work neatly in scrapbook / spiral file.



Encourage independent work by the child.



Submit the work neatly labelled with Name, Class & Sec.

### ★ GENERAL INSTRUCTIONS ★



Happy Learning & Happy Holidays!

# DELHI WORLD PUBLIC SCHOOL, MOGA

STRIVE · LEARN · LEAD



## ਛੁੱਟੀਆਂ ਦਾ ਕੰਮ - ਪੰਜਾਬੀ

ਜਮਾਤ ਸੱਤਵੀਂ

ਕੁੱਲ ਅੰਕ : 30



ਕੁੱਲ ਅੰਕ  
ਦੋ ਨੰਬਰ : 30

### ਕਾਰਜ-1 : ਪਾਤਰ ਚਿਤਰਨ

(5 ਨੰਬਰ)

ਹੇਠਾਂ ਦਿੱਤੇ ਗਏ ਪਾਠਾਂ ਵਿੱਚੋਂ ਕੋਈ ਇੱਕ ਪਾਤਰ ਚੁਣੋ।

- ★ ਸੋਨੇ ਰੰਗੀਆਂ ਧੁੱਪਾਂ
- ★ ਭਗਤ ਪੂਰਨ ਸਿੰਘ ਜੀ
- ★ ਬੰਦਾ ਸਿੰਘ ਬਹਾਦਰ



ਲਿਖੋ ਕਿਸੇ ਪਾਤਰ ਸਬੰਧੀ (ਪਾਤਰ ਚਿਤਰਨ)  
10-12 ਲਾਈਨਾਂ ਵਿੱਚ ਉਦਾਹਰਨਾ ਸਹਿਤ।

### ਕਾਰਜ-2 : ਸੁਣਨ ਕੌਸ਼ਲ

(5 ਨੰਬਰ)

ਹੇਠਾਂ ਦਿੱਤੇ ਗਏ ਲਿੰਕ ਨੂੰ ਉਪਨ ਕਰਕੇ ਸੁਣਨ ਕੌਸ਼ਲ ਦਾ ਅਭਿਆਸ ਕਰੋ ਅਤੇ ਦਿੱਤੇ ਗਏ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਦਿਓ।

<https://youtu.be/99YeZW6cvv4?si=0EBqj0dekUpEFeuc>

1. ਕੋਠੜੀ ਵਿੱਚ ਕੌਣ ਰਹਿੰਦਾ ਸੀ ?
2. ਬਜ਼ੁਰਗ ਮਾਈ ਦੀ ਅੱਖ ਕਿਉਂ ਖੁੱਲ੍ਹ ਗਈ ਸੀ ?
3. ਮਾਈ ਦਾ ਉਪਰਲਾ ਸਾਹ ਉੱਪਰ ਅਤੇ ਹੇਠਲਾ ਸਾਹ ਹੇਠਲਾ ਕਿਉਂ ਰਹਿ ਗਿਆ ?
4. ਪਿਛਲੀ ਵਾਰ ਬਾਡੀ ਲੱਗਣ ਨਾਲ ਕੀ ਹੋਇਆ ਸੀ ?
5. ਜਦੋਂ ਸ਼ੇਰ ਬਾਹਰ ਚਲਾ ਗਿਆ ਤਾਂ ਮਾਈ ਨੇ ਕੀ ਕੀਤਾ ?

**ਬੋਲਣ ਕੌਸ਼ਲ**  
ਦਿੱਤੇ ਗਏ ਲਿੰਕ ਨੂੰ ਉਪਨ ਕਰਕੇ ਤੁਹਾਨੂੰ ਕੀ ਸਿੱਖਿਆ ਮਿਲੀ ਉਸਦੇ ਸਬੰਧੀ ਇੱਕ ਪਰਿਰਾ ਜੁਥਾਨੀ ਬੋਲਣ ਦੇ ਲਈ ਤਿਆਰ ਕਰੋ।

### ਕਾਰਜ-3 : ਵਿਸ਼ਮਕ ਚਿੰਨ੍ਹ ਅਤੇ ਮੁਹਾਵਰੇ

(5 ਨੰਬਰ)

ਇੱਕ ਰੰਗਦਾਰ ਚਾਰਟ ਤਿਆਰ ਕਰੋ

- ਵਿਸ਼ਮਕ ਚਿੰਨ੍ਹ ਦੀਆਂ ਵੱਖ-ਵੱਖ ਕਿਸਮਾਂ



- ਕੋਈ 5 ਮੁਹਾਵਰੇ ਅਰਥ ਸਹਿਤ

1. \_\_\_\_\_ - \_\_\_\_\_
2. \_\_\_\_\_ - \_\_\_\_\_
3. \_\_\_\_\_ - \_\_\_\_\_
4. \_\_\_\_\_ - \_\_\_\_\_
5. \_\_\_\_\_ - \_\_\_\_\_



### ਕਾਰਜ-4 : ਚਿੱਤਰ ਵਰਣਨ

(5 ਨੰਬਰ)



ਅਰਥ ਪੂਰਵਕ ਤਸਵੀਰਾਂ  
ਚਪਕਾਓ ਜਾਂ ਬਣਾਓ ਅਤੇ  
ਉਨ੍ਹਾਂ ਬਾਰੇ 10-12  
ਲਾਈਨਾਂ ਵਿੱਚ ਲਿਖੋ।



### ਕਾਰਜ ਸਬੰਧੀ ਫਾਈਲ "ਮੈਰੀ ਪੰਜਾਬੀ ਸਾਹਿਤਕ ਫਾਈਲ"

(10 ਨੰਬਰ)

ਕਾਰਜ ਨਾਲ ਸੰਬੰਧਿਤ ਰਚਨਾਤਮਕ ਢੰਗ ਨਾਲ ਫਾਈਲ ਤਿਆਰ ਕਰੋ (5-6 ਪੇਜ) ਸ਼ਾਮਲ ਕਰੋ।

ਭਾਸ਼ਾ ਅਤੇ ਵਿਆਕਰਣ	ਲਿੰਗ	ਕਿਰਿਆ	ਸੰਬੰਧਕ ਯੋਜਕ	ਅਨੇਕਾਂ ਸ਼ਬਦਾਂ ਲਈ ਇੱਕ ਸ਼ਬਦ	ਚਿੱਤਰ ਵਰਣਨ	ਕਿਸੇ ਇੱਕ ਪਾਠ ਦਾ ਸੰਖੇਪ ਵਰਣਨ ਉਦਾਹਰਨਾ ਸਹਿਤ



♥ ਖੁਸ਼ੀਆਂ ਭਰੀ ਸਿੱਖਿਆ & ਖੁਸ਼ੀਆਂ ਭਰੀਆਂ ਛੁੱਟੀਆਂ ! ♥



# DELHI WORLD PUBLIC SCHOOL MOGA

— STRIVING TOWARDS PERFECTION —

SUBJECT: SCIENCE

GRADE 7

## HOLIDAY HOMEWORK

<b>MARKS BREAKUP</b>
SUBJECT ENRICHMENT ASSESSMENT (SEA)
<b>20 MARKS</b>
SCIENCE PORTFOLIO
<b>10 MARKS</b>
<b>TOTAL: 30 MARKS</b>

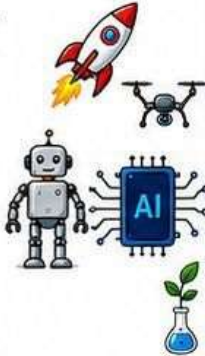
SUBJECT: SCIENCE

### 1 THE EVER-EVOLVING WORLD OF SCIENCE

5 MARKS

Science is dynamic and constantly evolving.

- ★ Draw or paste pictures of five modern scientific innovations.
- ★ For each, write how it works in 1–2 lines.
- ★ Write how it has changed our lives.
- ★ Write 4–5 lines on how science will shape the future.
- ★ Write 3–4 lines on your favourite scientist and their contribution.



### 2 EXPLORING SUBSTANCES: ACIDIC, BASIC, AND NEUTRAL

5 MARKS

Substances around us can be acidic, basic or neutral.

- ★ Draw or paste pictures of five everyday substances (e.g., lemon, baking soda, soap, milk, water).
- ★ Identify and write whether each is acidic, basic or neutral.
- ★ Write one use of each substance in daily life.
- ★ Write 5–6 lines on why it is important to know about these substances.

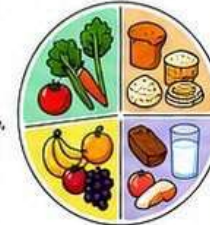


### 3 HEALTH: THE ULTIMATE TREASURE

5 MARKS

Health is the key to a happy and successful life.

- ★ Draw a 'Healthy Plate' showing a balanced diet.
- ★ List five habits that help you stay healthy.
- ★ Write the importance of exercise, hygiene and mental well-being in 3–4 lines each.
- ★ Write 4–5 lines on how you will maintain a healthy lifestyle every day.

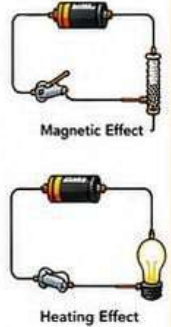


### 4 ELECTRICITY: MAGNETIC AND HEATING EFFECTS

5 MARKS

Electricity produces various effects that make our life easier.

- ★ Draw and label an activity to show the magnetic effect of electric current.
- ★ Draw and label an activity to show the heating effect of electric current.
- ★ Write one practical use of each effect in daily life.
- ★ Write 4–5 lines on the importance of safe use of electricity.



### 5 SCIENCE PORTFOLIO TASK

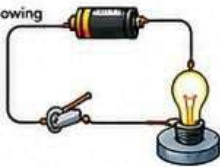
10 MARKS

Choose any ONE task and present it neatly.

#### A. CIRCUIT MODEL

Make a working model of a circuit showing any ONE effect:

- Magnetic Effect OR
- Heating Effect

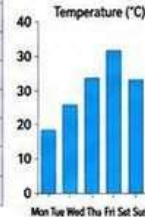


OR

#### B. DATA CHART

Collect data on any one topic (e.g., daily temperature, rainfall, plant growth, water usage) for 7 days and present it in a table and graph.

Day	Temperature (°C)
Mon	
Tue	
Wed	
Thu	
Fri	
Sat	
Sun	



OR

#### C. SCIENCE MODEL

Make a model on any one topic from Science (e.g., volcano, water cycle, human heart, solar system, etc.).



INCLUDE:



Drawings/ Pictures



Colouring



Labels



Short Sentences



Neat Handwriting



Creativity



- ★ Use neat handwriting.

- ★ Do colouring wherever required.

- ★ Use A4 sheets or scrapbook/ file.

### GENERAL INSTRUCTIONS

- ★ Encourage independent work by the child.



- ★ Submit the work neatly labelled with Name, Class & Sec.



Happy Learning & Happy Holidays!