




SUMMER HOLIDAY HOME WORK ASSIGNMENT

Grade 8



SESSION 2026-2027



DIPS U.E.-1 | Wishing you an enriching summer!





GRADE 8 ENGLISH

SUMMER HOLIDAY ASSIGNMENT

THEME: "EXPLORE, CREATE, EXPRESS"



1. SUMMER READING PASSPORT

Read any one age-appropriate novel/storybook during the vacation.

Create a Reading Passport containing:

- Book Cover
- Author's Profile
- Summary (100 words)
- Favorite Character and Why
- Three New Words Learnt
- Alternative Ending
- Rating (★★★★★)

BONUS: Design a passport stamp for every chapter completed.



2. INTERVIEW A FAMILY HERO



Interview a grandparent, parent, teacher, or community member. Ask questions such as:

- What was your childhood like?
- What challenges did you face?
- What life lesson would you like to share?

Write a 200-word report titled: "LESSONS FROM A REAL-LIFE HERO". Attach a photograph or sketch of the person interviewed.



3. MY DREAM TRAVEL BLOG



Imagine you have visited any destination in the world.

Create a travel blog including:

- Destination
- Attractions
- Local Food, Weather
- Weather, Travel Tips
- Personal Experience

Add pictures, drawings, maps, or tickets.

Wishing you an inspiring and productive summer!



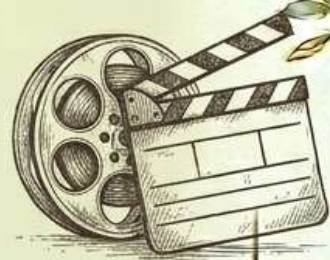
Movie Review Challenge

4

Watch an inspiring movie.

Write a review covering:

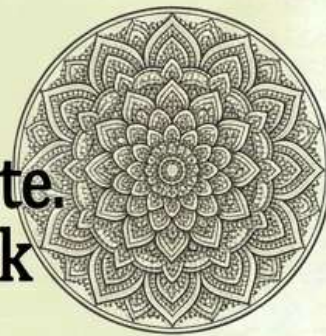
- Plot
- Main Characters
- Message
- Favorite Scene
- Recommendation



End with: “I would/would not recommend this movie because...”

Art Homework:

Make a *Mandala*
Art on a paper plate.
Complete the work
neatly and
creatively.



The page is framed by a decorative border of blue and gold leaves and vines. At the top center is a golden sun with rays. Below it, a white ribbon banner contains the title. Another white ribbon banner is positioned below the title. On the left side, there is a pencil and a sun icon. On the right side, there is a compass rose, a pen, and a small piece of paper.

Social Science holiday homework

1. Shivaji Maharaj Project



* Write about his Birth, parents, military campaigns, coronation and administration in short. (Maximum 5-6 pages in your notebook)



* Map of Maratha Empire (as seen in Fig. 312, page 64 of textbook), featuring key locations: Pune, Raigad, Gwalior, Surat, and Hyderabad. Paste in your notebook.

2. Maratha Empire Map



* Map of Maratha Empire (as seen in Fig. 312, page 64 of textbook), featuring key locations: Pune, Raigad, Gwalior, Surat, and Hyderabad.

HAVE A PRODUCTIVE AND
ENLIGHTENING HOLIDAY!



CLASS VIII – SCIENCE HOLIDAY HOMEWORK

Dear Students,



You are required to complete the following Science Holiday Homework during the vacation. Prepare your work neatly and submit it on the first working day after the holidays.




Activity / Model Making

Prepare a model according to your roll number:


TOPICS ACCORDING TO ROLL NUMBERS



Roll Numbers	Topic
1 – 5	Types of Forces Model (Depict contact and non contact forces using small objects such as magnets, ball etc.)
6 – 10	States of Matter – Particle Arrangement Model (Solid, Liquid & Gas)
11 – 15	Types of Microorganisms Model (Use clay or coloured chart paper etc. to show bacteria, viruses, fungi, algae, protozoa)
16 – 20	Plant Cell Model
21 – 25	Animal Cell Model
26 – 29	Electroscope Model (Dry plastic bottle, copper wire, aluminium foil strips etc. can be used to prepare model)
30 – 33	Mitochondria Model (Design a well labelled bean shaped structure)



Instructions for Model Making

- Do not use thermocol in any part of the model.
 - Students may use:
 - Clay
 - Cardboard
 - Coloured chart paper
 - Printed pictures
 - Handmade drawings
 - Waste or eco-friendly material
 - Models should be neat, creative, properly labelled, and scientifically accurate.
 - Write your name, class, section, and roll number clearly on the model.
- 



ਜਮਾਤ VIII

PUNJABI HOLIDAYS HOMEWORK

1.

* “ਅਲੋਪ ਹੋ ਰਹੀਆਂ ਬਾਲ ਖੇਡਾਂ”
ਵਿਸ਼ੇ ਦੇ ਅਧਾਰ ਤੇ, ਕੋਈ ਪੰਜ ਅਲੋਪ
ਹੋ ਚੁੱਕੀਆਂ ਬਾਲ ਖੇਡਾਂ ਦੀਆਂ
ਤਸਵੀਰਾਂ ਲਗਾ ਕੇ ਉਹਨਾਂ ਦਾ
ਵਰਣਨ ਆਪਣੇ ਸ਼ਬਦਾਂ ਵਿੱਚ
ਕਰੋ।



2.

* ਪੰਜਾਬ ਵਿੱਚ ਕੁੱਲ ਕਿੰਨੇ ਜ਼ਿਲ੍ਹੇ
ਹਨ? ਉਹਨਾਂ ਦੇ ਨਾਮ ਲਿਖੋ।
ਆਪਣੇ ਪਸੰਦੀਦਾ ਕਿਸੇ ਪੰਜ
ਜ਼ਿਲ੍ਹਿਆਂ ਬਾਰੇ ਜਾਣਕਾਰੀ
ਸਾਂਝੀ ਕਰੋ।



3.

* ਜਮਾਤ ਵਿੱਚ ਕਰਵਾਏ ਗਏ
ਸਿਲੇਬਸ ਦੀ ਦੁਹਰਾਈ ਕਰੋ।



ग्रीष्मावकाश गृहकार्य

कक्षा- आठवीं

विषय- हिंदी

1. कहानी लेखन

* राष्ट्रीय वीरता पुरस्कार, 2026 से सम्मानित किसी एक वीर बालक की कहानी को सचित्र प्रस्तुत कीजिए।

निर्देश:

- ◆ A-3 साइज़ की शीट का प्रयोग करें।
- ◆ बालक का चित्र एवं नाम बड़े और सुंदर अक्षरों में लिखें।

2. रचना और सृजनात्मकता

◆ भारत समृद्ध सांस्कृतिक विरासत के लिए विश्वप्रसिद्ध है और इसका सर्वोत्तम उदाहरण भारत की पारंपरिक चित्रकला शैली है। अतः भारत की किसी एक चित्रकला शैली को चित्र सहित अपने शब्दों में A-3 साइज़ की शीट पर प्रस्तुत कीजिए।

◆ 'जनगणना 2026 विशेष समाचार पत्रिका' 4-5 पृष्ठों की एक लघु पत्रिका (mini magazine) तैयार करें। इसमें निम्न बिंदुओं को शामिल करें-

- ◆ जनगणना की मुख्य खबर
- ◆ एक संपादकीय लेख
- ◆ एक कार्टून कोना (जिसमें जनगणना पर व्यंग्य हो)
- ◆ एक सामान्य ज्ञान पर आधारित क्विज़ (जनगणना से संबंधित)

◆ द्वितीय आवधिक परीक्षा हेतु कराए गए संपूर्ण कार्य की पुनरावृत्ति करें।



Holiday Homework – Grade 8 Maths

Section A – Exponents and Powers

1. Simplify: a) $(4^0 + 4^{-1}) \times 2^2$
b) $a^2 \times a^3 \times a^{-5}$
c) $(3^7 + 4^{-3} + 5^3)^0$

2. Write in exponential form:

- a) $5 \times 5 \times 5 \times 5 \times 5$
b) $10 \times 10 \times 10 \times 10$

3. Evaluate: a) 2^5 b) 3^4 c) 5^3

4. Use laws of exponents to

simplify: $\frac{[2^5 \times t^{-4}]}{[5^{-3} \times 10 \times t^{-8}]}$

5. Find the value of x if:

$$\left(\frac{11}{9}\right)^3 \times \left(\frac{9}{11}\right)^6 = \left(\frac{11}{9}\right)^{2-1}$$

6. Express in standard form:

- a) 4520000000
b) 0.0000002655

7. If $3x - y = 27$ and $3x + y = 243$, then what is the value of x and y?



$$\frac{7^x}{8}$$









Section B – Squares and Cubes

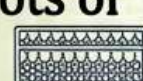
8. Find the squares of:
a) 18 b) 35 c) 49


9. Find the cubes of: a) 14 b) 27 c) 32

10. Identify whether the following are perfect squares: a) 121 b) 225 c) 180 

11. Find the smallest number by which each of the following numbers must be multiplied to obtain a perfect cube. 
a. 72 b. 675

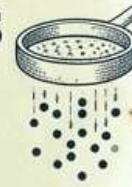
12. State true or false. 
a. Cube of any odd number is even.
b. A perfect cube does not end with two zeros. 
c. If the square of a number ends with 5, then its cube ends with 25.
d. There is no perfect cube which ends with 8.

13. You are told that 1,331 is a perfect cube. Can you guess without factorisation what is its cube root? Similarly, guess the cube roots of 4913, 12167, 32768. 

14. The square of a number is 441. Find the number. 

Section C – Number Play

15 Write all prime numbers between 50 and 80.



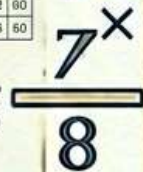
16 Find:

a) HCF of 24 and 36

b) LCM of 15 and 20

HCF				LCM					
1	2	3	4	7	8	9	10		
2	4	7	8	12	15	15	20		
3	10	2	15	15	24	23	40		
4	15	11	12	25	33	33	40		
				11	16	32	42	52	80
				15	24	33	48	55	60

17 Check whether the following numbers are divisible by 3 and 9 : a) 729 b) 8451



18 Arrange in ascending order: 45, 9^2 , 64 , 7^3

19 Fill in the blanks:

a) The smallest 3-digit perfect square is _____

b) The cube of 10 is _____



20 Find the smallest perfect cube divisible by 8 and 27.



21 Puzzle Time:

a) I am a number whose square is 169. Who am I?

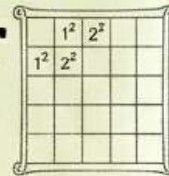
b) I am a perfect cube between 200 and 300. Who am I?





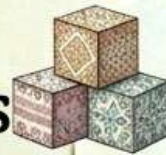
Activity Work

22 Activity 1 – Square Pattern
Draw a table for numbers
1 to 20 and write their
squares.



	1^2	2^2	
1^2	2^2		

23 Activity 2 – Cube Model
Make colorful cube models
using paper and write cube
numbers from 1^3 to 10^3 .



24 Activity 3 – Math Fun
Create a “Magic Number
Chart” using squares
and cubes.



	+	-	÷	×
+	31	22	34	
×	27	46	59	
×	13	36	55	
			÷	

General Instructions:

- Write neatly in a separate homework notebook.
- Draw graphs using a ruler and pencil.
- Show all steps clearly.
- Decorate the project work creatively.





SUMMER HOLIDAY HOME WORK ASSIGNMENT

Grade 8



END OF ASSIGNMENT



HAPPY HOLIDAYS!



Please present this assignment upon the resumption of school.

DIPS U.E.-1 | Wishing you an enriching summer!

