



# MOTHER INDIA PUBLIC SCHOOL



## Holiday Homework Class- 8

*Summer is here—let's jump with cheer,*

*Fun and learning blend this year!*

*With puzzles, crafts, and books to read,*

*And nature walks that plant a seed.*

*Homework's light but full of play,*

*A joyful task each sunny day.*

*We laugh, explore, and grow so bright—*

*Our summer days shine full of light!*



### Instructions for kids:

- o Do your homework neatly and on your own.
- o Learn and revise all the work done in the class.
- o Make your own time table for summer vacations and get it laminated. Keep proper time for playing and reading books.

For example:

Time	Activity
6:00-7:00 a.m	Wake up ,brush teeth, take bath
7:30-8:30 a.m	Breakfast

- o Before going to bed at night, Plan your tasks for the next day and pen them down in small diary. You can write at least 2-3 lines about what you did the whole day and the next day.
- o Prepare a news- paper folder, decorate it and bring all your holidays activities in it.



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### Guidelines for the parents:

- o Spend some quality time with your kids.
- o Have at least one time meal with them. Play at least one indoor or outdoor game with them.
- o Sit with them and share your childhood experiences.
- o Encourage your child to go outdoors and spend time with their grandparents rather than sitting in front of electronic gadgets (like T.V. & mobile phone) all day.
- o Encourage your child to cultivate the reading habit. Get some story books of their choice to read.

### **SUBJECT – ENGLISH**

Your holiday homework this year is a fun mix of all the aspects of the language. It has been designed to ensure that you enjoy and learn at the same time.

Ques-1. Listen the Song 'Count on me' by Bruno Mars.(Link is being attached)

Write its lyrics on a sheet . Try to sing the song and make a short video of it and send it to your teacher. All lyrics should be correct and neatly written.

[https://youtu.be/6k8cpUkKK4c?si=8BDj-NeVkm1sdBwG\(Copy](https://youtu.be/6k8cpUkKK4c?si=8BDj-NeVkm1sdBwG(Copy)

(Copy the link and paste it in the browser)

**Judgement Criteria for the Video:**

**Total marks 10**

1. Clarity of Lyrics – Accurate transcription of the song lyrics.
2. Pronunciation – Correct and clear English pronunciation while singing.
3. Confidence – Level of comfort and confidence while performing.
4. Voice Modulation – Ability to vary tone and pitch to match the song
5. Presentation & Creativity – Use of expressions, gestures, and enthusiasm.

**Skills:** Listening skills, Confidence building

Ques 2: "Everyday Heroes" Role-Play

Objective: To develop empathy, imagination, and conversational skills. MM 5 Marks



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Choose any two characters from your daily life (e.g., a teacher, a shopkeeper, a parent, a bus conductor, etc.).

Write a 1-page role-play script showing how they solve a problem together or help someone.

Suggested Themes:

\*A shopkeeper helping a lost child

\*A teacher and student finding a way to improve grades

\*A grandmother telling her grandson a bedtime story that teaches a life lesson

Deliverables:

A short script (minimum 12 lines)

An illustration or collage of your characters

Ques 3. Emoji Story Summary.

5 marks

Summarize any story or poem you must have heard in your childhood using only 10–12 emojis.

Ask a friend or family member to guess which story it is.

Represent it on a chart beautifully

**Story Example:** "The Thirsty Crow"

Emoji Summary:

Crow – 🐦

Sun – ☀️

Thirst – 💧

Pot – 🏺

Low Water – ▼

Stones – 🪨

Smart Idea – 💡

Water Rises – ↑

Happy Crow – 😊

Moral – 📖: Think Smart, not hard

**Skills:** Comprehension, creative expression

❖ Criteria for assessment



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❖ Total marks 5

Presentation	Hand writing	Vocabulary	Timely Submission
3	1	1	1

## SUBJECT - MATHS

### Instructions-

(a) Each question carry 5 marks.

1. Design a Poster/collage Showing how math is used in:

- 1- Music (Rhythm patterns)
- (ii) Sports (Score Statistics)
- (iii) Nature (Fibonacci Spirals in Sunflowers)

Use sketches, magazine cutouts.

2. Watch movie "The man who knew infinity "based on life of famous Mathematician Srinivasa Ramanujan

<https://youtu.be/cceTAztEWiQ?si=fMn6Yt11QGMRrJm5>(copy the link and paste it in browser)

Answer the following question based on movie-

- a) What is name of mentor of Srinivasa Ramanujan?
- b) What is the contribution of Srinivasa Ramanujana in field of mathematics?
- c) What is special in number 1729 according to him?

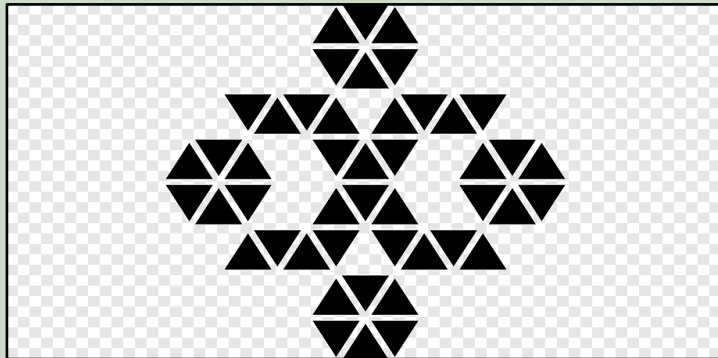
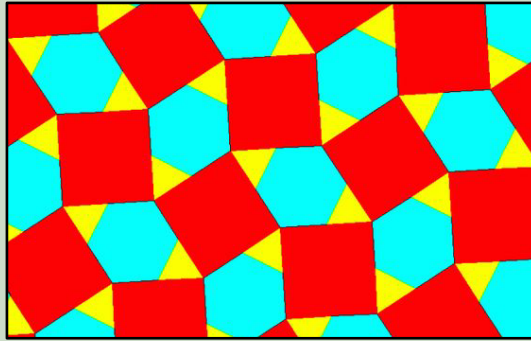
3. Polygons Capture

Draw and cut various polygons in different sizes and colors to make your own art piece.

<https://youtu.be/8byvhfsYQXs>



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4. Create a T-shirt with a Math slogan.

Slogan 1. Slope is my vibe or solve  $2x + 5 = 15$  to unlock my Vibe )

Slogan 2. Fractions are just fair shares

Submit a drawing.

#### Assessment criteria

<u>Ques. No.</u>	<u>Marks</u>	<u>Learning objective</u>
<u>1</u>	5	3 marks -Critical Thinking 2 marks -Logical Thinking
<u>2</u>	5	5 marks- Enhanced Knowledge
<u>3</u>	5	3 marks Critical Thinking 2 marks -Identify and classify polygons
<u>4</u>	5	3 marks -Express mathematical ideas



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		creatively 2 marks – Encourage critical thinking
<u>Total</u>	<u>20</u>	

## SUBJECT - SOCIAL SCIENCE

SR. NO.	QUESTIONS/ACTIVITIES
<b>NOTE-</b>	<u>PRESENTATION FORMAT –</u> <ul style="list-style-type: none"> <li>● A4 blank paper notebook or scrapbook.</li> <li>● Use drawings, borders, stickers for creativity.</li> <li>● Mention all basic details of yours &amp; make it presentable.</li> </ul>
1.	(i) collect seeds of wheat, rice, jowar, bajra,ragi,maize, oilseed and pulses in the Market. Also find in which type of soil they grow.  (ii) Find out the difference between the lifestyle of farmers in USA and India on the basis of pictures collected from magazines, books, newspapers and internet.
2.	Imagine that you are the higher authority of “The Constituent Assembly”. <ul style="list-style-type: none"> <li>● MAKE A SET/LIST OF RULES AS – ‘MY CONSTITUTION’ FOR THE CITIZENS OF THE COUNTRY.</li> </ul> NOTE – Use drawings, borders, stickers for creativity.
3.	OUR PARLIAMENT CONSIST OF TWO HOUSES [(i.e. LOKSABHA, RAJYASABHA) + PRESIDENT]. <ul style="list-style-type: none"> <li>● DRAW/PASTE OF THE PICTURE OF OUR New PARLIAMENT IN A CREATIVE WAY.</li> </ul>
4.	<ul style="list-style-type: none"> <li>● MAKE THE LIFE CHART OF DR. BHIM RAO AMBEDKAR.</li> </ul> (ALSO USE PICTURES, MENTION ALL BASIC DETAILS, SUCH AS – BIRTH PLACE, EDUCATION, WORKS, BOOKS, ETC.)
5.	SURVEY BASED QUESTION



	Conduct a short survey among 5 family members or neighbours to find out what steps they take to save water at home. Write their response in simple table and mention one idea you think that can help in saving more water in your locality.
6.	<p style="text-align: center;"><b>CURRENT AFFAIRS BASED QUESTION</b></p> <p>Find one recent News story (from April or May 2025) related to the environment (such as pollution, climate change ,or a government steps to protect nature) . Write the headlines, the date and 5 sentences explaining what the news is about in your words.</p>

<b>CRITERIA</b>	<u>Creativity/ Personal Reflection</u>	<u>Originality &amp; Effort</u>	<u>Presentation</u>	<u>Timely submission</u>
<b>MARKS (20)</b>	06	06	06	02

## SUBJECT - SCIENCE

### Task 1.Design Your Ideal Farm:

**Thinking:** Imagine you have a piece of land. Design your ideal farm ( area), considering the climate, soil type, and the crops you would like to grow.

**Creativity** Create a blueprint or a model of your farm, labelling different areas and explaining your choices for irrigation, pest control, and harvesting.

Calculate total cost of land, cost involve in cultivation and benefit get from land after harvesting (according to your area).

**Learning:** Children will develop deep sense of learning towards agriculture.

Example: Assuming an average agricultural land price in a moderately fertile region: ₹5 lakh to ₹20 lakh per acre.Total Land Cost (5 acres): ₹25 lakh to ₹1 Crore

2. Cost Involved in Cultivation (First Year):Land Preparation (plowing, leveling): ₹5,000 - ₹15,000 per acre = ₹25,000 - ₹75,000Seeds & Seedlings: ₹10,000 - ₹20,000 (for diverse crops)Fertilizers & Manure (initial organic inputs): ₹15,000 - ₹30,000



Irrigation System (drip, sprinklers - initial setup): ₹30,000 - ₹80,000

Labor Costs (planting, weeding, general maintenance): ₹500 - ₹1,000 per day (assuming 100 labor days) = ₹50,000 - ₹1,00,000

Pest Control (organic pesticides, materials): ₹5,000 - ₹10,000

Farmhouse & Storage Shed (basic structure - partial cost for the first year): ₹50,000 - ₹1,50,000

Livestock (initial purchase of poultry & goats): ₹20,000 - ₹40,000

Tools & Equipment (basic hand tools, small tiller rental): ₹10,000 - ₹25,000

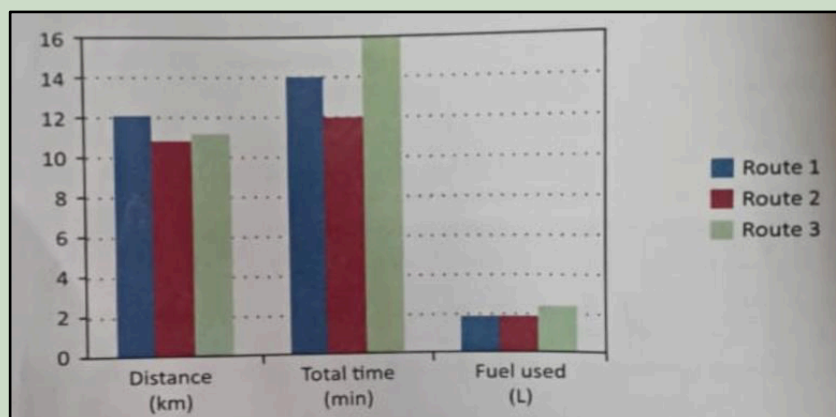
Miscellaneous Costs (electricity, water pump if needed): ₹5,000 - ₹15,000

Total Cultivation Cost (First Year): ₹2,20,000 - ₹5,55,000 (approximately)

**Note: Compile work in assignment sheets**

### Task 02 : Fuel Trip

Nowadays, the energy saving tour is becoming more popular in Intelligent Transport System. Recent increase in fuel prices have a great impact on global economic changes. Greenhouse gas emitted by the transport sector around the world is a serious issue of concern. To minimize such emission the automobile engineers have been working relentlessly Researchers have been trying hard to switch fossil fuel alternative fuels and attempting to various driving strategies to make traffic flow smooth, Given below is the bar graph for the distance, total travel times and fuel used for different routes by 15



particular day.

Now, answer the following questions given below:



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1. Which route has maximum fuel consumption?
2. Which route has the moderate congestion and which has the heavy congestion?
3. Write down some measures to reduce the fuel consumption?
4. What will happen if we use the fuel with same rate write down the consequences?
5. What are the alternative of present generation fuel according to you

### Task 03 : Data collection

Make a list of most common diseases of summer season by around you. List out causative organisms, causes, symptoms and their ayurvedic remedies (NATURAL TREATMENT), complete it in your Holiday assignment notebook.

Along with detail report compile data in tabular form one is done for you.

Common Disease	Causative Organisms / agent	Causes	Symptom	Ayurvedic Natural Treatment
Foodborne Illness	Bacteria, viruses, or parasites	Consuming contaminated food or water	Diarrhea, vomiting, nausea, abdominal cramps	Rest and hydration, ginger, cumin, and coriander

### Task 04: Explore

- a) Spend time in your local environment (or nearby) observing nature.

Keep a journal to record your observations, including details about the plants, animals, and weather.

Draw or paint your observations, adding your own interpretations and insights.

- b) Plan a day trip to the nearest national Park Corbett National Park or watch the following documentary based on Corbett National Park

[https://youtu.be/pT4oT3\\_wwqE?si=PL2f8CYYcJu5w4jQ](https://youtu.be/pT4oT3_wwqE?si=PL2f8CYYcJu5w4jQ)



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Write detail report about what you learn with photograph

### Assessment criteria

Creativity-  $4 \times 1 = 4$  marks

Innovation-  $4 \times 1.5 = 6$  marks

Thinking ability-  $4 \times 1.5 = 6$  marks

Timely submission-  $4 \times 1 = 4$  marks

### SUBJECT - HINDI

\* समस्त कार्य हेतु फाइल का प्रयोग अनिवार्य है

-1 शब्दों की मर्यादा को ध्यान में रखते हुए एक हास्य कहानी लिखिये, जिसे पढ़कर पाठक हँसी से लोट-पोट हो जाये। कहानी में आप अपने पसंदीदा पात्रों को शामिल कर सकते हैं। कहानी कम से कम दो से ढाई पेज की होनी चाहिए।

प्रश्न-2 यहाँ एक गाने की कुछ पंक्तियाँ दी गई हैं।

रुक जाना नहीं तू कहीं हार के

काँटों पे चल के मिलेंगे साये बहार के, ओ राही, ओ राही।

यह गाना किस फिल्म से लिया गया है। और इस गाने के गीतकार, संगीतकार व गायक कौन है पता कीजिए। इस गीत को अपनी आवाज में लय के साथ गाकर **8218824787** इस नंबर पर भेजें।

मूल्यांकन हेतु आवश्यक बिंदु

रचनात्मकता	5अंक
लेखन कौशल	5अंक
कल्पनाशीलता / लयात्मकता	5अंक
हास्य बोध	5अंक
	<b>Total- 20</b> अंक



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## SUBJECT - I.T.

Interview a Techie (Real-World Connect)

Task: Interview someone who works with computers (Technician at a cyber cafe or parents). Ask:

1. What type of network they use.
2. Why networking is important for their work.
3. Any funny or surprising network issue they faced.

\*\* Write their answers in your notebook. Add a selfie with them if possible (optional)!

### Criteria of Marks

Interview conducted with a tech person	4
Correct answer on type of network	4
Explanation of networking importance	4
Funny or surprising issue described	4
Neatness and presentation	4
Total	20

## SUBJECT - SANSKRIT

आवश्यक निर्देश

\* समस्त गृहकार्य नोट बुक में करना अनिवार्य है ।

प्रश्न-1 नीति के कोई दो श्लोक याद करके लिखो व उनसे संबंधित चित्र बनाओ ।

प्रश्न- 2 'पठ्' 'गम्' व 'लिख' धातु के लट्लकार में रूप लिखो ।



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प्रस्तुतिकरण -3(Same criteria will be followed in Punjabi & Urdu)

लेखन कौशल-10

रचनात्मकता - 3

स्वच्छता -2

समयबद्धता - 2

## SUBJECT - PUNJABI

ਨੋਟ – ਸਾਰਾ ਕੰਮ ਪੰਜਾਬੀ ਨੋਟਬੁੱਕ ਵਿੱਚ ਕਰੋ ।

1- ਆਪਣੇ ਦਾਦਾ – ਦਾਦੀ ਜਾਂ ਨਾਨਾ – ਨਾਨੀ ਤੋਂ ਕੋਈ ਇੱਕ ਪੰਜਾਬੀ ਲੋਕ ਕਹਾਣੀ ਸੁਣੋ ਉਸ ਕਹਾਣੀ ਨੂੰ ਲਿਖੋ ਤੇ ਉਸ ਬਾਰੇ ਇੱਕ ਚਿੱਤਰ ਬਣਾਓ ।

2- ਕਵਿਤਾ ਰਚਨਾ ਕਰੋ ।

ਹੇਠਾਂ ਦਿੱਤੇ ਵਿਸ਼ੇ ਤੇ ਇੱਕ ਕਵਿਤਾ (7-8) ਲਾਇਨਾਂ ਲਿਖੋ ।

ਮਾਂ ਦੀ ਮਮਤਾ ਜਾਂ ਬਚਪਨ ਦੀਆਂ ਯਾਦਾਂ ।

## SUBJECT - URDU

ਨੋਟ – ਸਾਰਾ ਕੰਮ ਪੰਜਾਬੀ ਨੋਟਬੁੱਕ ਵਿੱਚ ਕਰੋ ।

1- ਆਪਣੇ ਦਾਦਾ – ਦਾਦੀ ਜਾਂ ਨਾਨਾ – ਨਾਨੀ ਤੋਂ ਕੋਈ ਇੱਕ ਪੰਜਾਬੀ ਲੋਕ ਕਹਾਣੀ ਸੁਣੋ ਉਸ ਕਹਾਣੀ ਨੂੰ ਲਿਖੋ ਤੇ ਉਸ ਬਾਰੇ ਇੱਕ ਚਿੱਤਰ ਬਣਾਓ ।

2- ਕਵਿਤਾ ਰਚਨਾ ਕਰੋ ।

ਹੇਠਾਂ ਦਿੱਤੇ ਵਿਸ਼ੇ ਤੇ ਇੱਕ ਕਵਿਤਾ (7-8) ਲਾਇਨਾਂ ਲਿਖੋ ।

ਮਾਂ ਦੀ ਮਮਤਾ ਜਾਂ ਬਚਪਨ ਦੀਆਂ ਯਾਦਾਂ ।

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