



# DELHI PUBLIC SCHOOL MAKRONIA

Summer Assignment 2026-2027 ( Class -10<sup>TH</sup> )

S. No.	Subjects	Assignment	Instruction of doing assignment
1	English	<p>In a table format write the formulas/rules of the following:</p> <ol style="list-style-type: none"><li>1. Tenses ( all the forms)</li><li>2. Active &amp; Passive Voice.</li><li>3. In your city there is no proper arrangements for cleaning of drains. There are heaps of accumulated garbage and stagnant water. Write a letter to a Municipal Commissioner of your city complaining about the same as there is a fear of out break of diseases.</li><li>4. Robert Frost famous American poet is nature lover .His work always reflects the love towards the nature. "The road not taken" &amp; Stopping by woods on Snowy evening "are two famous poem written by him. Read the poem and write the summary of it. Also find out 5 poetic devices given in the poem.</li><li>5. Read the story Triumph of Surgery- a. Write critical analysis of it . b. Find 15 new words given in it. and make sentences of your own using that new words.</li></ol>	Prepare a separate file.
2	Hindi	<ol style="list-style-type: none"><li>1. बडे भाई साहब पाठ के आधार पर पाठ में व्यक्त शिक्षा पद्धति और आज की शिक्षा पद्धति का अंतर बताते हुए 250-300 शब्दों में निबंध लिखिए।</li><li>2. मनुष्यता एवं पर्वत प्रदेश में पावस कविताओं के अर्थ क्लास वर्क कॉपी में लिखिए <b>व्याकरण-</b> 1. पदबंध किसे कहते हैं? पदबंध के कितने भेद हैं? उदाहरण सहित लिखिए। 2. समास की परिभाषा एवं भेद उदाहरण सहित लिखिए।</li></ol>	सभी कार्य सुंदर लिखावट में क्लास वर्क कॉपी में लिखिए।

3	Maths		1. Solve the worksheet uploaded on ERP.	Solve the worksheet in class notebook
4	Science	PHYSICS	<p><b>Chapter: Light – Reflection and Refraction</b></p> <ol style="list-style-type: none"> <li>1. Draw ray diagrams for: Reflection by plane mirror (A) Concave mirror (all image formations) (B) Convex mirror</li> <li>2. Refraction through glass slab</li> <li>3. Convex lens and concave lens</li> <li>4. Write the mirror formula and lens formula with sign conventions.</li> <li>5. Solve 10 numerical problems based on mirrors and lenses.</li> <li>6. Prepare a comparison table of mirrors and lenses.</li> </ol> <p><b>Chapter: Human Eye and the Colourful World</b></p> <ol style="list-style-type: none"> <li>1. Draw a labelled diagram of the human eye.</li> <li>2. Explain accommodation, myopia, hypermetropia, and presbyopia with ray diagrams.</li> <li>3. Write short notes on: <ul style="list-style-type: none"> <li>(A) Cataract</li> <li>(B) Braille system</li> <li>(C) Dispersion of light</li> <li>(D) Scattering of light</li> <li>(E) Tyndall effect</li> </ul> </li> <li>4. Practical Activity: <ul style="list-style-type: none"> <li>(A) Observe a rainbow or prism spectrum and write your observations.</li> <li>(B) Demonstrate persistence of vision</li> </ul> </li> </ol>	Solve the worksheet in class notebook

			<p>using a simple spinning disc.</p> <p>5. Project: Prepare a model/chart on defects of vision and their correction.</p>	
		CHEMISTRY	<p>1. Learn and write chemical formula from chapter 1.</p> <p>2. Write and learn all types of chemical reaction.</p>	Write in class notebook.
		BIOLOGY	<p>1. Create a colorful chart or mind map on: Nutrition / Respiration / Transportation / Excretion (any one) Include: *Diagrams *Flow arrows *Key terms</p> <p>2. Brain vs Hormones Poster Make a poster comparing: Nervous System Endocrine System</p> <p>Include: * Speed * Mode of action *Examples</p>	
5	SST		<p>1. Resources and Development Major soil types Important dams</p> <p>2. Forest and Wildlife Resources National parks and wildlife sanctuaries (sometimes)</p> <p>3. Water Resources Major dams and river valley projects</p> <p>4. Agriculture Major crops producing states (rice, wheat, cotton, tea, coffee, rubber, etc.)</p> <p>5. Minerals and Energy Resources Iron ore mines Coal fields Oil fields Thermal and nuclear power plants</p> <p>6. Manufacturing Industries Major industrial centers</p>	Take 8 physical maps of India and mark each topic in a separate map. Attach them in fair notebooks respectively.

		<p>Software technology parks Cotton textile industries 7. Lifelines of National Economy Major seaports International airports National highways Golden Quadrilateral</p> <p>History chapter 2- -Associated with the Indigo Movement led by Mahatma Gandhi in 1917. -Peasant satyagraha against high taxes. -Mill workers' satyagraha. -Site of the Jallianwala Bagh Massacre. -Incident that led to withdrawal of the Non-Cooperation Movement. -End point of the famous Dandi March</p>	
6	A.I.	<p>Q1. Explain the importance of following a healthy life style in effectively dealing with stress. Write anyone common factor that causes stress among the children nowadays.</p> <p>Q2. If you are a team leader of a team of 20 people in an organization, mention any 2 methods that you will use for effective communication with your team members visuals.</p> <p>Q3. Why is self regulation important in life?</p> <p>Q4. Explain the short term solutions related to sustainable development.</p> <p>Q5. "Entrepreneurs are born, not made," Do you agree with this statement? Justify your answer.</p> <p>Q6. Karina is always punctual at school. She has a regular schedule that she follows every day. She plans for study and play time in advance. Enlist the 4 steps, Karina must have followed for effective time management.</p> <p>Q7. Describe the 3 types of barriers to communication in one sentence each with examples.</p> <p>Q8. Enlist any 2 measures that an</p>	Write and learn all the answers in class notebook

		<p>individual should follow to take care of his/her digital devices.</p> <p>Q9. What is Jupyter Notebook?</p> <p>Q10. Raj has a small convenience store in his locality there are many other convenience stores in the area. Yet Raj's store survives the competition and does well. Which stage of an entrepreneur's career process can you relate this to? Explain.</p>	
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