



# DRONACHARYA

## SR. SEC. SCHOOL MUBARIKPUR (JH)

AFFILIATED TO CBSE NEW DELHI, Aff No. 530945 |

Dear Students,

As the warmth of summer envelops us, let's take a moment to reflect on the wisdom of Helen Keller: "Life is either a daring adventure or nothing at all." Indeed, without challenges and uncertainties, life would lose its essence, much like a ship adrift in calm waters. May and June offer us a chance for self-reflection and rejuvenation. It's a time to strengthen family bonds, explore new horizons, and pursue our passions.

An umbrella, a book, and the mind serve their purpose only when open. Let's embrace the endless possibilities before us. Let our minds unfold like blooming flowers, eager to absorb wisdom and experiences. The Summer Holiday Engagement of 2024 calls us to focus on Social Emotional and Experiential Learning.

Each challenge we face will be a stepping stone to personal growth. Let's not forget the joy of learning, the thrill of exploration, and the warmth of companionship.

I hold each of you in high regard for your creativity and strengths. Let's make this Dronachariyan initiative of the Summer Holiday Homework 2024-25 a journey filled with learning and laughter. Let's redefine ourselves and embrace collaboration, innovation, and compassion.

Class Teacher

### 10th Summer Holiday Homework

Week	Hindi	English	Check List
Week - 1 (1st Jun to 9th Jun)	1-नेताजी का चश्मा- पाठ को याद करना है 5- पत्र-लेखन- औपचारिक-10 लेखन करना है 6- पत्र- लेखन -अनौपचारिक-10 लेखन करना है	<b>Create a Literary Newspaper</b> (1 cartridge sheet folded twice so that there are 4 sides):  Page 1: Biographical Sketches - Write a biographical sketch of the following poets: - Robert Frost - Walt Whitman - Robin Klein	

		<p>Page 2: Lesson Summaries</p> <ul style="list-style-type: none"> <li>- Write summaries of the following lessons in about 150-200 words each: <ul style="list-style-type: none"> <li>- "A Triumph of Surgery"</li> <li>- "A Letter to God"</li> <li>- "Nelson Mandela: Long Walk to Freedom"</li> </ul> </li> </ul> <p>Page 3: Poetic Devices</p> <ul style="list-style-type: none"> <li>- Define the following poetic devices and give at least two examples of each: <ul style="list-style-type: none"> <li>- Simile</li> <li>- Alliteration</li> <li>- Metaphor</li> <li>- Anaphora</li> <li>- Assonance</li> </ul> </li> </ul> <p>Page 4. Alternate Ending</p> <ul style="list-style-type: none"> <li>-Write an alternate ending for the chapter "A Letter to God" in 80-100 words.</li> </ul>	
<p><b>Week - 2</b> <b>(10 Jun to 16 Jun)</b></p>	<p>2- बालगोबिन भगत -पाठ को याद करना है</p> <p>7- अनुच्छेद- लेखन-10 लेखन करना है</p>	<p><b>Vocabulary Building and Letter Writing</b></p> <p><b>1. Vocabulary Building</b></p> <ul style="list-style-type: none"> <li>- Write 20 words starting with 'A' and give at least two antonyms of each.</li> <li>- Write 20 words starting with 'B' and give at least one synonym of each.</li> </ul> <p><b>2. Letter Writing</b></p> <ul style="list-style-type: none"> <li>- Write a letter to the editor of 'The Hindu' expressing your concerns about the increasing number of road accidents involving school children and suggest measures to combat the problem.</li> </ul>	

		<p>Write the letter in about 100-120 words using the following clues:</p> <ul style="list-style-type: none"> <li>- Owning vehicles at a young age as a fashion statement</li> <li>- Reckless driving to compete with friends</li> <li>- Clash of egos</li> <li>- Speed thrills but kills</li> <li>- Not adhering to traffic rules</li> <li>- Not wearing helmets</li> <li>- Not listening to parents</li> <li>- Enforcing the use of public transport</li> <li>- Parents to monitor</li> <li>- Schools to make strict rules</li> </ul> <p><b>3. Reflective Letter Writing</b></p> <ul style="list-style-type: none"> <li>- Write a reflective letter from God to Lencho, responding to his faith and the situation he described in "A Letter to God."</li> </ul>	
<p><b>Week - 3</b> (17th Jun to 23rd Jun)</p>	<p>3- पद - पाठ को याद करना है 8-विज्ञापन- लेखन-15 लेखन करना है</p>	<p><b>1. Reflective Journaling</b></p> <ul style="list-style-type: none"> <li>- Maintain a reflective journal throughout the vacation. Write a daily entry (any 10 days) where you can express your thoughts, experiences, and emotions. Reflect upon the lessons you've learned, the books you've read, and the places you've visited. This will help improve your writing skills and serve as a personal keepsake.</li> </ul> <p><b>2. Poem Summaries</b></p> <p>Write brief summaries of the following poems in 120-150 words each:</p> <ul style="list-style-type: none"> <li>- "Dust of Snow"</li> <li>- "Fire and Ice"</li> <li>- "A Tiger in the Zoo"</li> <li>- "How to Tell Wild Animals"</li> </ul>	

<p><b>Week - 4</b> <b>(24th Jun to 30th Jun)</b></p>	<p>4- राम- लक्ष्मण- परशुराम-संवाद - पाठ को याद करना है</p> <p>9-संदेश- लेखन-5 लेखन करना है लेखन करना है</p> <p>10- परियोजना-कार्य</p>	<p><b>1. Character Sketches</b></p> <ul style="list-style-type: none"><li>- Write character sketches of the following individuals in 120-150 words each:<ul style="list-style-type: none"><li>- James Herriot</li><li>- Mrs. Pumphrey</li><li>- Lencho</li><li>- Nelson Mandela</li></ul></li></ul> <p><b>Research Project ((Throughout the Vacation))</b></p> <ul style="list-style-type: none"><li>- Prepare a small research project on the Holocaust and World War II. Include key events, important figures, and the impact of the Holocaust on world history. Present your findings in a structured report.</li></ul> <p><b>Listening and Speaking Tasks (Throughout the Vacation)</b></p> <p><b>1. Podcasts</b></p> <ul style="list-style-type: none"><li>- Listen to at least one episode from any educational podcast series. Suggested options:<ul style="list-style-type: none"><li>- [Brains On! Universe](<a href="https://www.brainson.org/episodes">https://www.brainson.org/episodes</a>)</li><li>- [But Why: A Podcast for Curious Kids](<a href="https://www.vpr.org/podcast/but-why-a-podcast-for-curious-kids">https://www.vpr.org/podcast/but-why-a-podcast-for-curious-kids</a>)</li></ul></li><li>- Write a summary (100-150 words) of the episode, including what you found most interesting.</li></ul> <p><b>2. Audio Stories</b></p> <ul style="list-style-type: none"><li>- Listen to an audio story from an online platform (e.g., Storynory, Audible).</li><li>- Write a brief review (100-150 words) of the story, discussing the narration and how it enhanced your understanding of the story.</li></ul> <p>Suggested options:</p>	
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		<a href="https://www.storynory.com">https://www.storynory.com</a> <a href="https://www.audible.com">https://www.audible.com</a>	
		<b>Note:</b> - Maintain a separate notebook for your holiday homework. - Ensure that your work is neat and well-organized. - Be prepared to discuss with your classmates when school reopens.	

Week	Maths	Science	Check List
<b>Week - 1 (1st Jun to 9th Jun)</b>	Open the link and solve the questions <a href="#">10th Maths Worksheet.pdf</a> Homework for week 1- open the link and solve the questions 1 to 5 and revise complete chapter statistics and probability.	<b>Bio:-</b> Make one chart from any one topic of life processes like- Double circulation, Heart, Digestive system, Respiratory system, Excretory system, Dark and Light reaction of photosynthesis, Breathing mechanism (Inhalation and Exhalation) in human etc. <b>PHYSICS :- ( mag. ) Do chapter electricity</b> <a href="https://drive.google.com/file/d/1jaH5WN07PggE5NozIs6EG85a98f9UDVK/view?usp=drivesdk">https://drive.google.com/file/d/1jaH5WN07PggE5NozIs6EG85a98f9UDVK/view?usp=drivesdk</a> Do numericals on page - 1 <b>CHEMISTRY:- ( active &amp; magnetic)</b> 1:- Learn ch-1&2 complete for test and practice in homework notebook. 2:-ACTIVITY:- make a list of substance at your home are acidic or basic in nature using natural indicators.	
<b>Week - 2 (10 Jun)</b>	Open the link and solve the questions	<b>Bio:-</b> Make well labelled diagrams of Digestive system, Respiratory	

<p><b>to 16 Jun)</b></p>	<p><a href="#">10th Maths Worksheet.pdf</a> Homework for week 2 - open the link and solve the questions from 6 to 17 and revise complete chapter Real number and linear equation in two variables.</p>	<p>system, Heart, Excretory system in fare notebook. <b>PHYSICS :-</b> (mag.) Do page no - 2 <a href="https://drive.google.com/file/d/1jaH5WN07PggE5NozIs6EG85a98f9UDVK/view?usp=drivesdk">https://drive.google.com/file/d/1jaH5WN07PggE5NozIs6EG85a98f9UDVK/view?usp=drivesdk</a> <b>Chemistry:- (Active and magnetic)</b> <b>1:-</b> Practice chapter-1&amp;2 textbook exercise question in homework notebook . <b>2:-Activity :-</b> make a list of type of reaction usually happens around us and discuss about them.</p>	
<p><b>Week - 3 (17th Jun to 23rd Jun)</b></p>	<p>Open the link and solve the questions <a href="#">10th Maths Worksheet.pdf</a> Homework for week 3- open the link and solve the questions from 18 to 25 and revise complete chapter area related to circle.</p>	<p><b>Bio:-</b> Revise complete chapter “Life Processes” for test. <b>Physics:- (mag.)</b> 1. Make a working electric circuit in which three bulb (in series) , wire, battery, key are connected. 2. Make a working electric circuit in which three bulb ( in parallel) , wire, battery a key are connected. <b>PHYSICS:- ( only for active)</b> 1:-Learn chapter 10, complete for test and practice in homework notebook . 2:-Activity :-Make a list of events happens in our surrounding related to reflection and refraction and give explanation.</p>	
<p><b>Week - 4 (24th Jun to 30th Jun)</b></p>	<p>Open the link and solve the questions <a href="#">10th Maths Worksheet.pdf</a> Homework for week 4 - open the link and solve the questions from 26 to 29 and revise complete chapter trigonometry.</p>	<p><b>Bio:-</b> Do NCERT Questions of ch-1 Life processes <b>PHYSICS:- (Mag.)</b> <a href="https://drive.google.com/file/d/1jaH5WN07PggE5NozIs6EG85a98f9UDVK/view?usp=drivesdk">https://drive.google.com/file/d/1jaH5WN07PggE5NozIs6EG85a98f9UDVK/view?usp=drivesdk</a> Do page no - 3 and 4 <b>PHYSICS:- (only for active)</b>  1:- practice exercise questions of chapter 10, in homework notebook.</p>	

2:-Solve these questions in homework notebook->

**Question 1.**

A coin placed at the bottom of a tank appears to be raised when water is poured into it. Explain.

**Question 2.**

A 5 cm tall object is placed perpendicular to the principal axis of a convex lens of focal length 20 cm. The distance of the object from the lens is 30 cm. Find the:

- (i) position
- (ii) nature
- (iii) size of the image formed.

**Question 3**

4.5 cm needle is placed 12 cm away from a convex mirror of focal length 15 cm. Give the location of image and magnification. Describe what happens to the image as the needle is moved farther from the mirror.

**Question 4**

Rohit placed a pencil perpendicular to principal axis in front of a converging mirror of focal length 30 cm. The image formed is twice the size of the pencil. Calculate the distance of the object from the mirror.

**Question 5.**

An object is placed at a distance of 25 cm away from a converging mirror of focal length 20 cm. Discuss the effect on the nature and position of the image if the position of the object changes from 25 cm to 15 cm. Justify your answer without using mirror formula.

**Question 6**

A 10 cm tall object is placed perpendicular to the principal axis of a convex lens of focal length 30 cm.

The distance of the object from the lens is 20 cm. Find the:

- (a) Position
- (b) Nature
- (c) Size of the image formed.

**Question 7.**

A student has three concave mirrors A, B and C of focal lengths 20 cm, 15 cm and 10 cm respectively. For each concave mirror he performs the experiment of image formation for three values of object distance of 30 cm, 10 cm and 20 cm.

Giving reason answer the following:

- (a) For the three object distances, identify the mirror which will form an image equal in size to that of object. Find at least one value of object distance.
- (b) Out of the three mirrors, identify the mirror which would be preferred to be used for shaving purpose.
- (c) For the mirror B, draw ray diagram for image formation for any two given values of object distance.

**Question 8.**

a. One – half of a convex lens of focal length 110 cm is covered with a black paper. Can such a lens produce an image of a complete object placed at a distance of 30 cm from the lens? Draw a ray diagram to justify your answer.

b. A 4 cm tall object is placed perpendicular to the principal axis of a convex lens of focal length 20 cm. The distance of the object from the lens is 15 cm. Find the nature, position and size of the image.

**Question 9.**

A ray of light is incident on a convex mirror as shown. Redraw the



		diagram and complete the path of this ray after reflection from the mirror. Mark angle of incidence and angle of reflection on it. (Delhi 2016)	
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Week	Social Science	Music	Check List
<b>Week - 1 (1st Jun to 9th Jun)</b>	<p>Lok Sabha election 2024:- ( <b>Make a report and answer the questions based on the report</b> )(In project file) ( Use newspaper cutting in the report)</p> <p>Why do we need for Elections            What makes an Election Democratic?            Is it good to have Political Competition?            What is our system of Elections?            Total seats of lok Sabha of every state.            Reserved Constituencies.            Voter list.            Nomination of candidates            Election campaign, code of conduct and law            Polling, counting of votes</p>	<p><b>1. आलाप तान</b>  <b>लिखे और याद करें !</b></p>	
<b>Week - 2 (10 Jun to 16 Jun)</b>	<p><b>Revision of political parties lesson:-</b>            Political party:- Function of political parties            Necessity of Political Parties            Types of party system, kind of political parties,            Recognition to a political parties, National Political Parties of India, state parties</p>	<p><b>2. कण खटका मुर्की</b>  <b>लिखे और याद करें !</b></p>	

	of India, challenges to Political Parties, Reforms Introduced and suggested		
<b>Week - 3 (17th Jun to 23rd Jun)</b>	<b>Revision of Power sharing lesson:-</b> Power sharing in Belgium , Accommodation in Belgium,Sri Lanka model, Majoritarianism in Sri Lanka, Why power sharing is desirable, forms of power sharing	<b>3. तराना मीड लिखे और याद करें</b>	
<b>Week - 4 (24th Jun to 30th Jun)</b>	<b>Revision of Development lesson:-</b> Development:- Aspects of development, Developmental Goals, Classifying countries ( Per capita income Criteria of World Bank in 2019)	<b>4. ताल: रूपक ताल का संक्षिप्त परिचय एक गुण और दो गुण लिखे और याद करें!</b>	