

Summer Vacation Homework 2025

**Class- 9**

Subject	Assigned Homework
<b>English</b>	Make a project on the biography of Bismillah khan and one more musician across the world along with his life and achievements in A-4 sheet paper and stick file(should be hand written).
<b>Hindi</b>	<ol style="list-style-type: none"> <li>1. एवरेस्ट विजेता अरुणिमा सिन्हा का चित्र चिपकाकर उनका जीवनपरिचय लिखें।</li> <li>2. गर्मी की छुट्टी में आपने क्या -क्या किया इसपर 10 से 12 पंक्तियों में अनुच्छेद लेखन करें।</li> <li>3. रहीम के प्रत्येक दाहे की व्याख्या हिंदी की नाट्यबुक में करें।</li> </ol>
<b>Mathematics</b>	<p>Make basics formulas on the chart paper</p> <p>Do all question of number system and polynomial from L.C</p> <p>Learn all formulas of identities</p>

## **Social Science**

**Write a project on the topic of Disaster Management**

**Guidelines: Words Limit: 1200 (Approx 15 to 18 Pages), A4 Size**

**Key Points: Title Page , Acknowledgement , Index, Introduction, Objectives, topic content , Conclusion , Bibliography**

Chemistry

❖ **Write down the answers of following questions in your chemistry notebook.**

1. (a) Define matter and write its three states.  
(b) Explain how these states of matter arise due to variation in the characteristics of the particles.
2. A substance A has high compressibility and can be easily liquefied. It can take the shape of any container. Predict the nature of the substance. Enlist four properties of this state of matter.
3. Describe an activity to show that air contains water vapours.
4. With the help of an activity show that diffusion becomes faster with the increase in temperature.
5. Give reasons for the following:
  - (a) Camphor disappears if kept in open air for a few days.
  - (b) Wet clothes do not dry easily on a rainy day.
  - (c) We sweat more on humid days.
6. With the help of an activity show that gases are more easily compressible than liquids and solids.
7. (a) What is meant by the word 'Latent' in latent heat?  
(b) Explain with example of water:
  - (i) latent heat of fusion, and
  - (ii) latent heat of vaporization
8. a) Define diffusion. Explain the rate of order of diffusion in solids, liquids and gases.  
(b) State the effect of temperature on diffusion.
9. Which one will cause more severe burns Water at 100° C or Steam at 100°C? Give reason for your answer.
10. Rohan Accidentally touched a very hot pot of milk. His hand got burnt severely, two of his sisters applied a remedy to give him relief.
  - a) Her elder sister Seema has putted his hand in the water at 0°C.
  - b) Her Younger sister Parinita has applied some ice on his hand.

**In Which case Rohan will feel more relief and why?**

Biology	<p><b>1 Make a project work on plant and animal cell in A4Size paper from NCERT book.[Chapter; The fundamental unit of life]</b></p> <p><b>2. Make 25 MCQ From LEARNING COMPANION Book of chapter'[ The fundamental unit of life,] with answers (in fair note book)</b></p> <p><b>3. Solve Exercise Questions OF NCERT Book ,FROM Chapter;- The fundamental unit of life. (in fair note book)</b></p>
PHYSICS	<p>❖ Complete motion exercise Q1 TO Q32 from ,lets complete and value based question from LC and solve NCERT intext and exercise questions from NCERT. SOLVE NCERT IN FAIR NOTE BOOK</p>
<b>IT/Computer</b>	<p>Record a video of 40 to 60 seconds on one of the below mentioned topics</p> <ol style="list-style-type: none"> <li>1.We must stop using poly bags Because....</li> <li>2.Imortance of moral values in my life</li> <li>3.I save water because...</li> </ol> <p>Send the video to classtestmlzsbarh@gmail.com by 30th May 2025.</p>