



# Green Valley Public School

Barnala Road, Badhni Kalan (MOGA)



*"Success begins with hard work; Happiness begins with good health." Dr. T.P. Chia*

**Dear Parent,**

*Every child is naturally curious and eager to learn. It's our duty to nurture this through joyful and engaging experiences. Summer Vacation is a time to relax and enjoy, while also exploring fun and educational activities. Let this break be filled with creativity, connection, and cherished moments with your child.*

## **General Guidelines**

*We are sharing a few tips to help make the summer vacation a happy and productive time for your child. Holiday homework is designed as worksheets and projects to keep students connected to learning in a fun and engaging way. Encourage your child to focus on tasks for at least 30 minutes daily.*

## **Guidelines:**

- 1. Guide your child while they work.*
- 2. Revise concepts learned in class.*
- 3. Spend quality time together.*
- 4. Limit screen time with a set routine.*
- 5. Avoid junk food like chocolates, chips, soft drinks, etc.*
- 6. Give small tasks to build responsibility and confidence.*
- 7. Submit work with name, class, and section by **5th July 2025**.*
- 8. Ensure homework is neat and presentable.*
- 9. Parents must submit a short note on how their child spent the vacation.*
- 10. Best holiday homework will be awarded.*
- 11. Ensure your name, class, and subject is clearly written on each file.*
- 12. Late submissions may not be accepted or could result in marks deduction.*

## **Note:**

- Classes 1 & 2 will use a mixed notebook.*
- Classes 6 to 12 will complete work on assignment sheets.*
- Homework must be done by the student with parental support.*

**Vacation Dates:** 2nd June to 2nd July 2025

**School Reopens:** 3rd July 2025

**Regards,**

**Green Valley Public School**

## HOLIDAY'S HOMEWORK FOR CLASS 12<sup>TH</sup> SCIENCE

SUBJECT	Homework
ENGLISH	<p>✚ <b>Activity - Project File on the topic The Last Lesson</b> (Cover Page, Acknowledgement, Certificate, Index, About the Writer, Summary, Theme, conclusion along with beautiful pictures)</p> <p>✚ <b>Research on Khushwant Singh's life and works.</b></p> <ul style="list-style-type: none"> <li>▪ Find out about the role of Khushwant Singh's father in building Delhi.</li> <li>▪ Write your findings in your notebooks with pictures.</li> </ul> <p>✚ <b>English Links Worksheet</b></p> <ul style="list-style-type: none"> <li>▪ Reading Passage - (W 1 to 10), Page No. (13 to 33)</li> <li>▪ Writing - (W 1 to 5), Page No. (100 to 109)</li> </ul>
MATHEMATICS	<p>✚ <b>Project: To measure the shortest distance between two skew lines and verify it analytically.</b></p> <ul style="list-style-type: none"> <li>▪ Procedure: <ol style="list-style-type: none"> <li>1. Paste a square piece of paper on a piece of plywood.</li> <li>2. On the squared paper, draw two lines OA and OB to represent the x-axis, and y-axis, respectively.</li> <li>3. Name the three blocks of size 2 cm × 2 cm × 2 cm as I, II, and III. Name the other wooden block of size 2 cm × 2 cm × 4 cm as IV.</li> <li>4. Place blocks I, II, and III such that their base centers are at the points (2, 2), (1, 6), and (7, 6), respectively, and block IV with its base center at (6, 2). Other wooden blocks of size 2 cm × 2 cm × 4 cm as IV</li> <li>5. Place a wire joining the points P and Q, the centers of the bases of blocks I and III, and another wire joining the centers R and S of the tops of blocks II and IV</li> <li>6. These two wires represent two skew lines.</li> <li>7. Take a wire join it perpendicularly with the skew lines and measure the actual distance.</li> </ol> </li> </ul> <p>✚ <b>Reference Book (Ashoka)</b></p> <ul style="list-style-type: none"> <li>▪ Solve Case Study Based Questions (Page No:- 1/19 &amp; 1/20)</li> <li>▪ Solve Objective Types Questions (Page No:- 3/41)</li> </ul>
PHYSICS	<p>✚ Prepare working model and investigatory file on</p> <ul style="list-style-type: none"> <li>▪ Full Wave Rectifier (Group 1- Gurvir, Jasleen, Harpreet, Sumitarveer)</li> <li>▪ Half Wave Rectifier (Group 2- Manveer, Bipasha, Khushdeep, Rohit)</li> <li>▪ Electromagnetic Induction (Group 3- Kiranpreet, Jashanpreet)</li> <li>▪ Step Down Transformer (Group 4- Sukhmanpreet, Manjot, Amardeep, Sidak)</li> <li>▪ Light Dependent Resistor (Group 5- Jaskaran, Jashandeep, Navraj, Tarandeep)</li> </ul> <p>✚ <b>Reference Book (Ashoka)</b></p> <ul style="list-style-type: none"> <li>▪ Solve Questions 1-10 (Frequently Asked Long Questions)Page No. 231 And 232</li> <li>▪ Solve Questions 1-6 ( Frequently Asked Long Questions) Page No. 271</li> </ul>
CHEMISTRY	<p>✚ <b>Assignment: Prepare a seminar presentation on the following topics:</b></p> <ul style="list-style-type: none"> <li>▪ List of Students and Assigned Topics: <ol style="list-style-type: none"> <li>1. [Bipasha]: Haloalkanes</li> <li>2. [GurveerKaur]: Haloarenes</li> <li>3. [Harpreet Kaur]: Alcohol</li> <li>4. [Jashanpreet Kaur]: Phenol</li> <li>5. [Jashandeep Singh]: Aldehyde and Ketone</li> </ol> </li> </ul>

	<p>6. [Jaskaran Singh]: Amine  7. [Jasleen Kaur]: Haloalkanes  8. [Khushdeep Kaur]: Haloarenes  9. [Kiranpreet Kaur]: Alcohol  10. [Manjot Singh]: Phenol  11. [Manveer Kaur]: Aldehyde and Ketone  12. [Sukhmanpreet Singh]: Amine  13. [Taranveer Singh]: Haloalkanes  14. [Navraj Singh]: Haloarenes  15. [Sidak Singh]: Alcohol  16. [Rohit Khurana]: Phenol  17. [Amardeep Singh]: Aldehyde and Ketone  18. [Sumitarveer Kaur]: Amine</p> <p>✚ <b>Reference Book (Aasoka)</b></p> <ul style="list-style-type: none"> <li>Numerical Problems / Page No. 1/57 (1-10)</li> <li>Long Answer Questions / Page No. 4/50 (1-4)</li> </ul>
<b>BIOLOGY</b>	<p>1. <b>Project file</b>  2. Topic:-  3. Human Health and Disease  4. Biodiversity and its Conservation  5. Pedigree Analysis  6. Human Reproductive System  7. Own choice topic related to NCERT Book</p> <p>✚ <b>Reference Book (Aasoka)</b></p> <ul style="list-style-type: none"> <li>Long Answer Type Questions / Page No. 14/25 (1-8)</li> <li>Short Answer Type Questions / Page No. 8/51 (1-12)</li> </ul>
<b>PHYSICAL EDUCATION</b>	<p>✚ <b>Complete Practical file</b></p> <ul style="list-style-type: none"> <li>Practical-1 Fitness tests administration</li> <li>Practical -2 Procedure for Asanas, Benefits and Contradiction for any Two asanas for each lifestyle disease</li> </ul>
<b>PUNJABI</b>	<p>1. ਲਾਜ਼ਮੀ ਪੰਜਾਬੀ – 12 ਪਾਠ ਪੁਸਤਕ ਵਿੱਚੋਂ ਅਖਾਣਾਂ ਯਾਦ ਕਰੋ। ਅਤੇ ਕੋਈ ਪੰਜ ਅਖਾਣਾਂ ਦੇ ਵਾਕ ਬਣਾ ਕੇ ਕਾਪੀ ਤੇ ਲਿਖੋ।  2. ਪ੍ਰਕਿਰਤੀ ਦੇ ਮਹੱਤਵਪੂਰਨ ਸੋਮਿਆਂ ਵਿੱਚੋਂ ਕਿਸੇ ਇੱਕ ਸੋਮੇ ਜਿਵੇਂ ( ਪਾਣੀ ਬਚਾਓ, ਰੁੱਖ ਬਚਾਓ, ਧਰਤੀ ਨੂੰ ਪ੍ਰਦੂਸ਼ਣ ਰਹਿਤ ਬਣਾਓ ) ਆਦਿ ਵਿਸ਼ੇ ਤੇ ਸਲੋਗਨ ਤਿਆਰ ਕਰੋ ਜਾਂ ਲੇਖ ਦੀ ਰਚਨਾ ਆਪਣੇ ਸ਼ਬਦਾਂ ਵਿੱਚ ਕਰੋ।  3. <b>ਪ੍ਰੋਜੈਕਟ ਫਾਈਲ ਤਿਆਰ ਕਰੋ:</b>  <b>ਨੋਟ :- ਪ੍ਰੋਜੈਕਟ ਫਾਈਲ ਤਿਆਰ ਕਰਨ ਲਈ ਹੇਠ ਤਿੰਨ ਵਿਸ਼ੇ ਦਿੱਤੇ ਗਏ ਹਨ ਜਿਸ ਦੇ ਨਾਲ ਵਿਦਿਆਰਥੀਆਂ ਦੇ ਗਰੁੱਪ ਬਣਾ ਦਿੱਤੇ ਹਨ , ਵਿਦਿਆਰਥੀ ਆਪਣੇ ਗਰੁੱਪ ਦੇ ਵਿਸ਼ੇ ਦੀ ਹੀ ਪ੍ਰਭਾਵਸ਼ਾਲੀ ਪ੍ਰੋਜੈਕਟ ਫਾਈਲ ਤਿਆਰ ਕਰਨ ।</b>  1. ਜਿਸ ਵਿੱਚ ਪੰਜਾਬੀ ਸਭਿਆਚਾਰ ਦੇ ਨਾਲ ਸਬੰਧਿਤ ਤਸਵੀਰਾਂ ਅਤੇ ਵਿਚਾਰ ਹੋਣਜਿਸ ਦੇ ਵਿਸ਼ੇ ਵਿੱਚ ਪੰਜਾਬੀਆਂ ਦਾ ਖਾਣਾ, ਪਹਿਰਾਵਾ ,ਤਿਉਹਾਰ ,ਲੋਕ ਨਾਚ ,ਕਿੱਤੋ ਅਤੇ ਪੰਜਾਬੀਆਂ ਦਾ ਰਹਿਣ ਸਹਿਣ ਬਿਆਨ ਕੀਤਾ ਜਾਵੇ ।<b>ਗਰੁੱਪ -1 (Arts)</b>  2. ਘਰ ਦੇ ਵਿੱਚ ਮਾਤਾ ਪਿਤਾ ਦਾ ਸਥਾਨ, ਬੱਚਿਆਂ ਉੱਪਰ ਪੈ ਰਿਹਾ ਪੱਛਮੀ ਪ੍ਰਭਾਵ, ਬਜ਼ੁਰਗਾਂ ਦਾ ਘਟ ਰਿਹਾ ਸਤਿਕਾਰ, ਸੋਸ਼ਲ ਮੀਡੀਆ ਦਾ ਵੱਧ ਰਿਹਾ ਪ੍ਰਭਾਵ।<b>ਗਰੁੱਪ-2 (Science)</b>  3. ਪੰਜਾਬ ਦੇ ਮੌਲੇ ਤੇ ਤਿਉਹਾਰ , ਰਸਮ-ਰਿਵਾਜ , ਲੋਕ ਵਿਸ਼ਵਾਸ ਸੰਬੰਧਿਤ ਕੰਮ ਸੌਪਣੀ।<b>ਗਰੁੱਪ-3 (Comm)</b></p>
<b>SEWA PROJECT</b>	<p>Dear Students,</p> <p>As part of your <b>SEWA (Social Empowerment through Work Education and Action)</b> initiative, please choose one of the following community service activities and perform it sincerely. Prepare a proper written assignment based on the activity, and don't forget to <b>click a picture while doing it and share it with your Class Incharge at WhatsApp number: _____.</b></p>

**Choose any ONE:**

1. **Clean-Up Drive** – *Help clean a Gurudwara Sahib, Mandir, Park, or Playground.*
2. **Plant a Tree or Garden** – *Take part in planting trees or maintaining a garden.*
3. **Thank You Cards** – *Make appreciation cards for school staff or community workers (e.g., Police, Firefighters).*
4. **Donation Drive** – *Collect and donate old clothes, books, or toys to those in need.*
5. **Water Bowl for Birds** – *Place and refill water bowls for birds during summer.*
6. **Visit to an Old Age Home** – *Spend time with the elderly—sing songs, perform a skit, or simply talk with them.*

**Let your actions inspire change!**

*- We look forward to seeing your enthusiastic participation.*

Please follow the instructions carefully while completing your holiday homework:

1. **Assignment Sheets:**

- Do your homework on the assignment sheets provided.
- Make sure your work is **neat and legible**.

2. **Practical Files:**

- Complete all practical work in the respective **practical files**.
- Maintain **cleanliness and proper formatting** in your files.

Enjoy your holidays and make sure to balance fun and learning!