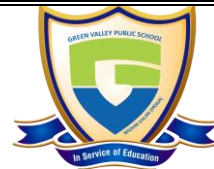




Green Valley Public School

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 11TH SCIENCE

SUBJECT	Homework
ENGLISH	<ul style="list-style-type: none">  Activity – Project File on the topic The Portrait of A Lady (Cover page, acknowledgement, certificate, index, about writer, summary, theme, conclusion along with beautiful pictures)  Draw a POSTER on the conservation of Water and Saving our Sparrows  English Links Worksheet <ul style="list-style-type: none"> ▪ Reading Passage -W (1 to 10)Page No. (12 to 30) ▪ Note-Making – W (26 to 30)Page No. (78 to 86)
MATHEMATICS	<ul style="list-style-type: none">  Do all these activities in practical file <ul style="list-style-type: none"> ▪ Activity 1: To find the number of subsets of a given set and verify that if a set has n number of elements, then the total number of subsets is 2. ▪ Activity 2: To represent set theoretic operations using Venn diagrams. ▪ Activity 3: To distinguish between a Relation and a Function. ▪ Activity 4: To verify the relation between the degree measure and the radian measure of an angle. ▪ Activity 5: To find the values of sine and cosine functions in second, third and fourth quadrants using their given values in first quadrant.
PHYSICS	<ul style="list-style-type: none">  Prepare assignment on <ul style="list-style-type: none"> ▪ Dimensional Analysis (Roll No. 1,2) ▪ Uses of Dimensional Analysis (Roll No 3,4) ▪ Types of vectors (Roll No 5,6) ▪ Laws of Vector Addition (Roll No 7,8& 19) ▪ Instantaneous Velocity and Acceleration (Roll No 9,10) ▪ Projectile Motion (Roll No 11,12) ▪ Newton's Law of Motion (Roll No 13,14& 20) ▪ Friction and its Types (Roll No 15,16) ▪ Work-Energy Theorem (Roll No17,18& 21)
CHEMISTRY	<ul style="list-style-type: none">  Assignment: Prepare a seminar presentation on the following topics: <ol style="list-style-type: none"> 1.Some Basic Concepts of Chemistry: Discuss fundamental concepts such as matter, elements, compounds, and mixtures. Include discussions on states of matter, atomic structure, and chemical reactions. (Roll No. 1, 2, 19) 2.Structure of Atoms: Explain the structure of atoms, including the roles of protons, neutrons, and electrons. Discuss atomic models such as Bohr's model and the quantum mechanical model. (Roll No. 3, 4, 20) 3.Classification of Elements and Priority in Properties: Explore the periodic table and its organization based on atomic number, electron configuration, and chemical properties. Discuss trends such as atomic radius, ionization energy, and electronegativity. (Roll No. 5, 6, 21) 4. Chemical Bonding and Molecular Structure: Explain different types of chemical bonds, including ionic, covalent, and metallic bonds. Discuss molecular geometry and the shapes of molecules. (Roll No. 7, 8, 22) 5.Chemical Thermodynamics: Introduce the principles of chemical thermodynamics, including concepts such as enthalpy, entropy, and Gibbs free energy. Discuss spontaneous and non-spontaneous reactions. (Roll No. 9, 10) 6.Equilibrium: Explain the concept of chemical equilibrium, including the equilibrium constant, Le Chatelier's principle, and factors affecting equilibrium. (Roll No. 11, 12) 7.Redox Reactions: Discuss oxidation-reduction reactions, including oxidation

	<p>states, balancing redox equations, and electrochemical cells. (Roll No. 13, 14)</p> <p>8. Organic Chemistry:<i>Basic Principles and Techniques:</i> Introduce the fundamentals of organic chemistry, including the structure of organic compounds, functional groups, and basic organic reaction mechanisms. (Roll No. 15, 16)</p> <p>9. Hydrocarbons: Discuss the classification and properties of hydrocarbons, including alkanes, alkenes, alkynes, and aromatic hydrocarbons. (Roll No. 17, 18)</p> <p>Assignment: Write an essay on one of the following topics:</p> <ol style="list-style-type: none"> 1. The Impact of Atomic Structure on Chemical Properties 2. The Role of Equilibrium in Chemical Reactions 3. Applications of Redox Reactions in Everyday Life 4. Organic Chemistry: From Molecules to Materials 5. The Importance of Hydrocarbons in Industry and Society <p>Instructions for Students:</p> <ul style="list-style-type: none"> - Choose one of the given topics for your essay. - Conduct thorough research using textbooks, scientific journals, and reliable online sources. - Write a well-structured essay with an introduction, body paragraphs, and a conclusion. - Include relevant examples and real-world applications to illustrate key points.
BIOLOGY	<p> Assignment: Breathing and Exchange of Gases</p> <ul style="list-style-type: none"> ▪ Respiratory organs in animals (Recall Only) ▪ Respiratory system in humans ▪ Mechanism of breathing and its regulation in humans ▪ Exchange of gases, transport of gases ▪ Disorders related to respiration – asthma, emphysema, occupational respiratory disorders. <p>Assignment :Plant Tissue Assignment: Animal Tissue</p>
PHYSICAL EDUCATION	<p> Practical-1 Fitness tests administration.</p> <p> Practical-2 Procedure for asanas, benefits and contraindication for any two asanas for each lifestyle diseases.</p>
	<p> 5 ਸਫ਼ੇ ਸੰਦਰ ਲਿਖਾਈ ਦੇ ਕਰੋ ।(ਵਿਸ਼ਾ : ਘੋੜੀਆਂ ਲੋਕ ਗੀਤ ਲਾਜ਼ਮੀ ਪੰਜਾਬੀ ਪੁਸਤਕ ਵਿੱਚੋਂ)</p> <p> Revise full syllabus of grammar part (ਦਫ਼ਤਰੀ ਸ਼ਬਦਾਵਲੀ , ਪੱਤਰ ਰਚਨਾ)</p> <p> Assignment (ਕੰਮ ਸੌਂਪਣੀ) :- ਪੰਜਾਬੀ ਸਭਿਆਚਾਰ ਦੇ ਲੋਕ- ਗੀਤ ਅਤੇ ਰਸਮ ਰਿਵਾਜ</p>
SEWA PROJECT	<p>Dear Students,</p> <p>As part of your SEWA (Social Empowerment through Work Education and Action) 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 click a picture while doing it and share it with your Class Incharge at WhatsApp number: _____.</p> <p>Choose any ONE:</p> <ol style="list-style-type: none"> 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!