



GILLCO INTERNATIONAL SCHOOL

CLASS – 9

HOLIDAY HOMEWORK



Dear Parent,

Greetings from Gillco International School! The much awaited summer vacation is knocking at the door!

The very thoughts of summer vacation include images of time for relaxation to escape the heat, pursuing of leisure activities and indulging in good quality time with friends and family. There are plenty of productive ways in which your ward can spend the vacation. This can be fun, relaxing and helpful for his/her education or career.

We wish to imbibe in our students the willingness to spend their summer vacation well; making optimum utilisation of time, following their heart's passion and also at the same time enhancing their academic knowledge

Some suggestions in this regard- →

- Let your ward EXPLORE and participate in the Wonder that is Nature. A walk on the Mall of a hill station does no harm, but let your child explore the wilderness and discover fauna and flora of the place you visit during the vacation. Let him/her fill with wonder for God's bounties bestowed on us.
- Let your ward DISCOVER different cultures, traditions, cuisines, local crafts, etc. of places that you visit during the vacation. Make your ward note down fine details. It will become a cherished document a few years down the line.
- Let your ward Expand Knowledge. Take advantage of your down time to open your mind to new knowledge and experiences. Encourage your ward to pursue new hobbies, play games, learn to play an instrument, try his/her hands at writing poetry or a blog, pick up some culinary skills, read newspapers and magazines to keep abreast with current happenings.
- Reading Makes a Full Man: Make a list of books for your ward and give him/her plenty of reading for the summer.
- Get your ward to spend some quality time with the extended family. Tell him/her the importance of relationships in life.
- Let your ward chalk out a timetable for his/her daily routine. Assist him/her and teach him/her to prioritise. Counsel him/her to devote some time to studies as well.
- The School has also devised Holiday Homework that is linked to the curriculum and is also creative. Do monitor the progress of your ward in completing the tasks given in various disciplines.
- We aim to directly involve parents in the emotional and psychological growth of their children so that they emerge as better human beings who are socially conscious towards their family, society and the planet.

We wish your ward a very rejuvenating vacation and seek your cooperation in all our endeavours as always.

Thank you

MATH	<p>I) SOLVE THE GIVEN WORKSHEET.</p> <p>II) Write the following activities in Math Lab Manual</p> <p>a) Verifying the algebraic identities for $(a + b)^3$, $(a - b)^3$, $a^3 + b^3$ and $a^3 - b^3$</p> <p>b) Factorization of a quadratic polynomial of the type $x^2 + bx + c$ geometrically.</p>
PUNJABI	<p><u>ਲੇਖਨ:</u> 1. ਆਪਣੇ ਮਿੱਤਰ ਜਾਂ ਸਹੇਲੀ ਨੂੰ ਪਹਾੜੀ ਸਥਾਨ ਦੀ ਯਾਤਰਾ ਬਾਰੇ ਦੱਸਦੇ ਹੋਏ ਪੱਤਰ ਲਿਖੋ। (ਕਾਪੀ ਵਿਚ)</p> <p>2. ਵਿਦਿਅਕ ਟੂਰ ਤੇ ਜਾਣ ਦੀ ਆਗਿਆ ਲੈਣ ਲਈ ਪਿਤਾ ਜੀ ਨੂੰ ਪੱਤਰ ਲਿਖੋ। (ਕਾਪੀ ਵਿਚ)</p> <p>3. ਸੰਗਤ ਦੀ ਰੰਗਤ ਅਤੇ ਮੇਰਾ ਮਨ ਭਾਉਂਦਾ ਕਵੀ ਲੇਖ ਲਿਖੋ। (ਕਾਪੀ ਵਿਚ)</p> <p><u>ਰਚਨਾਤਮਕ ਕਾਰਜ:</u> 1. ਅੱਜ ਕੱਲ ਮਾਪਿਆਂ ਅਤੇ ਬੱਚਿਆਂ ਵਿਚਕਾਰ ਵੱਧ ਰਹੀ ਦੂਰੀ ਦਾ ਕਾਰਨ ਦੱਸਦੇ ਹੋਏ 100 ਸ਼ਬਦਾਂ ਵਿਚ ਆਪਣੇ ਵਿਚਾਰ ਪੇਸ਼ ਕਰੋ। (ਸਕਰੈਪ ਬੁੱਕ ਵਿਚ)</p> <p>2. ਤੁਹਾਡੀ ਕਲਾਸ ਵਿਚ ਇੱਕ ਗਰੀਬ ਵਿਦਿਆਰਥੀ ਪੜ੍ਹਦਾ ਹੈ। ਤੁਸੀਂ ਉਸ ਦੀ ਸਹਾਇਤਾ ਕਿਸ ਤਰ੍ਹਾਂ ਕਰੋਗੇ? (ਸਕਰੈਪ ਬੁੱਕ ਵਿਚ)</p> <p><u>ਮੌਖਿਕ ਕੌਸ਼ਲ :</u> ਕਿਸੇ ਇੱਕ ਵਿਸ਼ੇ ਤੇ 2 ਮਿਨਟ ਦਾ ਭਾਸ਼ਣ ਤਿਆਰ ਕਰੋ।</p> <ol style="list-style-type: none"> 1. ਬਾਲ ਮਜ਼ਦੂਰੀ- ਇੱਕ ਸਰਾਪ 2. ਨੈਤਿਕ ਮੁੱਲਾਂ ਵਿਚ ਆ ਰਹੀ ਗਿਰਾਵਟ ਦਾ ਕਾਰਨ 3. ਇੱਕ ਸਫਲ ਇਨਸਾਨ ਬਣਨ ਦੇ ਨੁਸਖੇ <p>1</p>
SCIENCE	<ul style="list-style-type: none"> • Make a working model on any one of the following topics:- <ol style="list-style-type: none"> 1. Earthquake sensor mechanism 2. Drip Irrigation 3. Wind energy Electric energy 4. Rainwater Harvesting 5. Cell organelles Tissues 6. Sound needs medium for Propagation 7. Separation Techniques • Practice all derivations in Physics and diagrams of Biology done in class in Science Register. • Complete all NCERT questions given from the lessons. • Learn Cations And Anions Of Lesson-1 • Complete all the experiments in the Practical file with well labelled diagrams. <p>Note: Suggested materials for the model should be recycled and inexpensive materials. Make best out of waste</p>
SOCIAL STUDIES	<p>Make a Powerpoint presentation about the Holocaust. The presentation should cover the following aspects:</p> <ul style="list-style-type: none"> • Hitler's rise to power • Hitler's ideology • Hitler's method of ethnic cleansing- Concentration camps; Gas chambers. <p>Write your experience in making the powerpoint presentation.</p> <p>Read the chapter 'Constitutional Design' and write an essay on Nelson Mandela's role in the fight against Apartheid.</p>