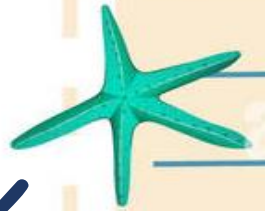




SUMMER VACATION



HOLIDAY HOMEWORK

GRADE - XI (Science)





**The holiday season is a perfect time to reflect on blessings,
and take out ways to make life better for those around us.**

Summer vacation is probably the best time of the year for you all. It's time for loads of fun though we cannot go out but getting pampered to no end and of course bonding with distant friends and cousins can be done. A time to relax as well as fruitfully occupy the children in various scholastic and co-scholastic areas. Here are a few suggestions-

- * Make your child read Hindi and English story books and children's science magazine as much as possible.
- * Encourage them to undertake creative writing, both in Hindi and English. You can tell them to write their experiences about vacation and maintain a daily diary. Even watching good English movies can be an enjoyable learning experience.
- * To make them aware of their surroundings, tell them to watch videos on television channels like Discovery, National Geographic, History and Animal planet.
- * Do enhance creative talent, motivate them to draw, paint, prepare a PPT on any family celebration or any activity that interests them.
- * Make sure that you spent quality time with your ward. Go for walks with the family. You will realize you have two God's greatest gifts...NATURE and your FAMILY. Do not forget to thank God for these gifts.
- * Giving them small responsibility in household chores will make them independent.
- * Teach them the importance of moral values in life. Remember the four magic words....PLEASE, THANK YOU, SORRY and EXCUSE ME. Make these a part of your personality.
- * Indulge yourself in various games with them.

Our teachers have painstakingly designed interesting projects /assignments for children to be completed during the summer vacation. This would encourage in-depth learning, strengthen concepts and prepare ground for improved academic output. The key purpose of holiday homework is to inculcate 6C's in our children. It aims at encouraging creativity, character building, citizenship, communication, critical thinking and problem-solving and collaboration in the learners.

Parents can download holiday homework from school's website i.e. www.lotusvalley.edu.in or e-care pro app.

NOTICE:-

The school closes for summer vacation on May 29, 2023 and the school reopens on July 4, 2023 with the same timings.

Wish you all a fun filled, safe and healthy holidays ahead !



Holidays Homework

Class – XI (Science)

English

Learn and revise the Syllabus given below:-

Snapshots

Chapter-1 (The Summer of the beautiful white Horse)

Chapter-2 (The Address)

Chapter-3 (Ranga's Marriage)

Hornbill

Chapter-1 (The Portrait of a Lady)

Chapter - 2 (we're not afraid to die... If All be together)

Chapter-3 (Discovering Tut: the Saga Continues)

Poem - (i) A photograph

Poem - (ii) The Laburnum Top

Poem- (iii) The voice of the Rain

Writings :- Advertisement writing

Grammar Gap-filling, Sentence re-ordering

Project work

1. We're not afraid to die (Display model) [Roll No. 1 to 5]
2. The Summer of Beautiful white Horse (Chart) [Roll No- 6 to 10]
3. A Photograph (Chart) [Roll No. 11-15]
4. The voice of rain (Display model) (Roll No. 16-28)

Physics

Learn and Revise the syllabus given below:-

CH-1 (Unit and Dimensions)

CH-2 (Errors and significant figures)

CH-3 (Motion in straight line)

CH-4 (Motion in Plane)

Project Work

Make Working model on

1. Bending water [Roll No.- 1 to 6]
2. Newton's Cradle [Roll No. 7 to 13]
3. Heat Capacity of water [Roll No. 14 to 20]
4. Homemade Hydraulic claw [Roll No. 21 to 25]
5. Vaggie Cars [Roll No. 26 to 28]

Chemistry

Learn and Revise the Syllabus given below:-

CH-1 (Some basic Concept of Chemistry)

CH-2 (Structure of Atom).

Complete your notes and Do Numericals of each topic.

Project File

1. Chemistry in Everyday life [Roll No-1-10]
 2. Effects of Antibiotics on bacteria [Roll No. 11-20]
 3. Effect of dye on different type of fabrics [Roll No. 21-28]
- Model 1 Fermentation [Roll No=1-10]
2. Analysis of vegetable and fruit juices [Roll No. 11-20]
 3. Environmental pollution [Roll No. 21-28]

Mathematics

Revise and Practise the syllabus given below:-

CH-1 (Sets)

CH-2 (Relation and functions)

CH-3 (trigonometric functions)

CH-4 (Complex Numbers)

CH-5 (Linear inequalities)

CH-11 (Three dimensional Geometry)

Complete First five practicals in Maths Lab Manual.

Biology

Learn and Revise the Syllabus given below:-

CH-1 (The living world)

CH-2 (Biological Classification)

CH-3 (Plant Kingdom , Animal Kingdom Cell)

Project Work

Make working model on

1. Different viruses [Roll No.- 1 to 3]
2. Different Cells [Roll No. - 4 to 6]
3. Different prokaryotic Cell [Roll No. - 7 to 9]
4. Different Hydra [Roll No. 9 to 12]
5. Different Star fish [Roll No. 12 onward]