



# SUMMER VACATION



## HOLIDAY HOMEWORK

GRADE - IX





**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](http://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 !**



## CLASS- IX

**Revise and learn the syllabus given below.**

### English

Learn & revise the following syllabus

#### Beehive –

Ch – 1 The fun they had

Ch – 2 The sound of music

Ch – 3 The little Girl

Poem 1 The Road not taken

Poem 2 Wind

Poem 3 Rain of roof

#### Moments –

Ch – 1 The Lost Child

Ch – 2 The Adventure of

Ch – 3 Iswar The storyteller

#### Writing Section – Diary Entry (Practice from BBC)

#### Grammar – Tenses, Determiners, Models

Do the following assignments in your BBC Compacta

Module – 1 (Reading) - Homework Assignment – 1, 2, 3, 4

Module – 3 (Writing) - Homework Assignment – 12, 13

Module – 5 (Grammar-I) - Homework Assignment – 18, 19, 22)

### Hindi

Learn and revise the syllabus given below

संचयन – पाठ –1 कल्लू कुम्हार की उनाकोटि

स्पर्श – दुख का अधिकार

काव्य खंड – रैदास के पद

रहीम के दोहे

व्याकरण – उपसर्ग, प्रत्यय, विराम चिह्न, संधि, अनुच्छेद, अनुनासिका, अनुस्वार

Students have to prepare chart/ display model/ working model as per their roll numbers.

| R.No.   | Topic                                      | Category |
|---------|--------------------------------------------|----------|
| 1-7     | समास (इसके प्रकार, उदाहरण सहित)            | (चार्ट)  |
| 8 – 14  | संधि (स्वर संधि के सभी प्रकार उदाहरण सहित) | (चार्ट)  |
| 15 – 21 | विराम चिह्न (इसके सभी प्रकार)              | (चार्ट)  |
| 22 – 25 | नारा लेखन - Topic. वन महोत्सव              | (चार्ट)  |
| 26 – 28 | नारा लेखन – Topic बेटी बचाओ, बेटी पढ़ाओ    | (चार्ट)  |

## Maths

Revise & Practice the following syllabus

Ch – 1 Number System

Ch – 2 Polynomial

Ch – 3 Co-ordinate Geometry

Ch – 4 Linear equation in two variables

Ch – 10 Heron's Formula

Ch – 12 Statics

Complete 5 practical's in Math's Lab Manual.

Students have to prepare chart/ display model/ working model as per their roll numbers.

| R.No.  | Topic                                                    | Category      |
|--------|----------------------------------------------------------|---------------|
| 1 – 10 | Drawing circle using Robot                               | Working Model |
| 11 -20 | Equal chords subtend equal angle at the centre of circle | Working Model |
| 21-28  | Geometrical city                                         | Model         |

## Science

Learn & revise the following syllabus. Complete your notebooks with NCERT back exercise and intext questions.

Ch – 1 Matter in our surroundings

Ch – 5 The cell fundamental unit of life

Ch – 7 Motions

Students have to prepare chart/ display model/ working model as per their roll numbers.

| R.No. | Topic                                      | Category      |
|-------|--------------------------------------------|---------------|
| 1 – 6 | Make a Charger                             | Model         |
|       | Structure of a Prokaryotic cell            | Model         |
| 7-14  | Structure of cell with all cell organelles | Model         |
|       | Equations of Motion                        | Chart         |
| 15-21 | Bohr Model of Atom                         | Working Model |
|       | Structure of a Plant Cell                  | Model         |
| 22-28 | Candy Lab                                  | Model         |
|       | Production of Sound                        | Working Model |

## S.ST

Learn & revise the following syllabus

ECO - Ch – 1,2

GEO -Ch –1

HIS. - Ch –1

Solve NCERT exercise in fair notebook

Students have to prepare chart/ display model/ working model as per their roll numbers.

| R.No. | Topic                                       | Category |
|-------|---------------------------------------------|----------|
| 1-7   | Different factor of Production              | Model    |
| 7-14  | Model which shows physical feature of India | Model    |
| 15-22 | EVM Machine                                 | Model    |
| 22-28 | Sprinkle irrigation method                  | Model    |

## Information Technology

Learn & revise the following syllabus

Part – A Unit – 1 Communication Skill

Part – B Unit – II Keyboard & Mouse Skill

### Projects –

1. Working model of output device (R.No. 1-5)

<https://www.youtube.com/watch?v=yD6OY4eh1cs&t=36s>

2. Working model of shortcut keys (R.No. 6-10)

<https://www.youtube.com/watch?v=-CD-lqW4Dno>

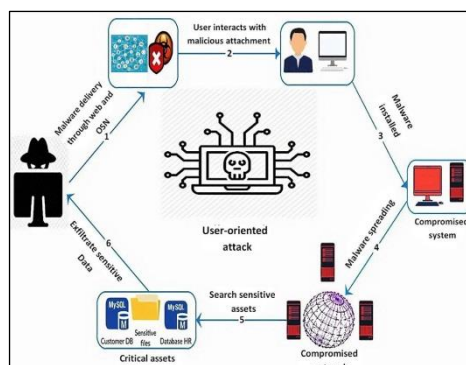
3. Working model of Functional Keys (R.No. 11-15)

<https://www.youtube.com/watch?v=40paCcGs-3I&feature=share>

4. Social Media Icons (R.No. 16-20)

<https://www.youtube.com/watch?v=a52N2nrrP7U&feature=youtu.be>

5. Draw a chart on virus attack (R.No. 21-25)



6. Draw a chart on Cyber Attack (R.No. 26 & above)

