

## SUMMER ASSIGNMENTS (2025-26)

### GRADE- VIII

## Mathematics

### Summer Assignment: Quadrilaterals

#### Assignment Tasks:

##### 1. Theory Review

- Define quadrilateral and list its types (parallelogram, rectangle, square, rhombus, trapezium, kite).
- Explain the properties of each type with examples.

##### 2. Diagram Work

- Draw and label each quadrilateral.
- Highlight their angles, sides, diagonals using different colours.

##### 3. Problem Solving

- Solve at least **five** problems involving quadrilateral properties (angles, diagonals, area, perimeter).

##### 4. Challenge Section

- Prove that the sum of interior angles of a quadrilateral is  $360^\circ$ .
- Derive a formula for the area of a parallelogram using basic principles.

#### Submission Instructions:

- Complete the assignment neatly on A4 sheets.
- Stick all pages securely in a folder/file before submission.
- Label your name, class, and roll number on the front page.

## Science

Make a **Mind Map** to show the steps involved in **crop production**.  
Explain each step in detail.

## Social Science

### Assignment Tasks:( in practical notebook)

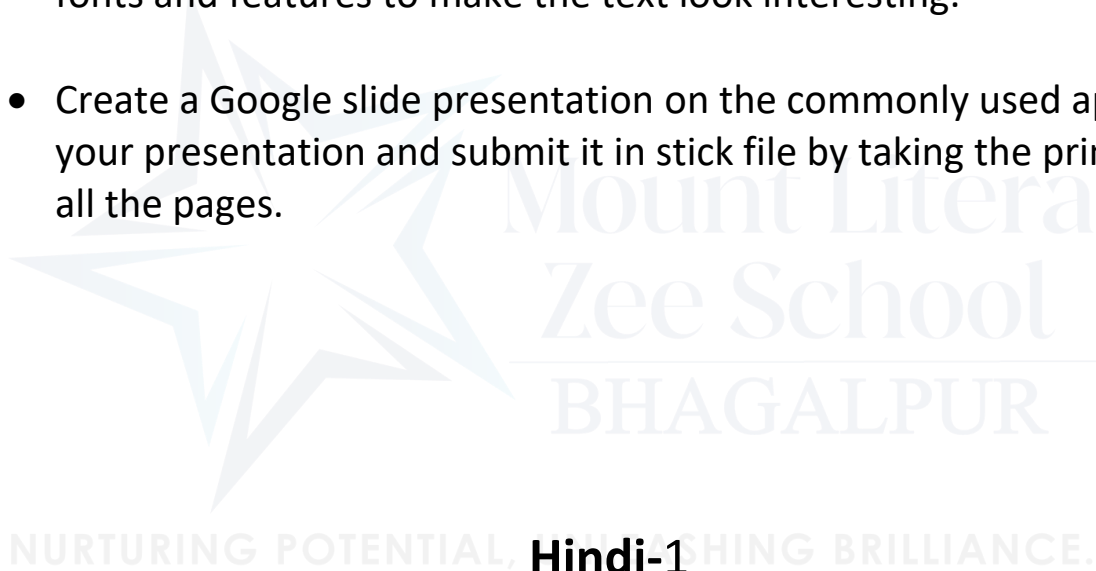
- Define agriculture as primary occupation/activity.
- Describe the main types of crops.
- Explain the conditions suitable for the growth of crops and
- Explain the different types of farming.

#### **Submission Instructions:**

- Complete the assignment neatly on A4 sheets.
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- Label your name, class, and roll number on the front page.

### **Information Technology**

- Create a document on Google Docs. Type a story or a poem of your choice. Save it with the name **“My first Google Doc”**. Try different fonts and features to make the text look interesting.
- Create a Google slide presentation on the commonly used apps. Save your presentation and submit it in stick file by taking the printout of all the pages.



### **Hindi-1**

#### **"व्याकरण वन का नक्शा" (Forest Map)**

एक जंगल बनाएं जिसमें हर पेड़ एक व्याकरण का नियम हो:

जैसे:-

- संज्ञा वृक्ष — उस पर संज्ञा के प्रकार और उदाहरण टाँकें
- सर्वनाम झाड़ी — सर्वनाम के प्रकार और वाक्य
- क्रिया का झरना — क्रिया और उसके रूप
- काल का सूरज — भूत, वर्तमान, भविष्य

- विलोम और पर्यायवाची का तालाब — रंगीन कार्ड पर लिखें।

## Hindi-2

"आपने हाल ही में बस से यात्रा की। इस यात्रा के अनुभव को विस्तार से बताते हुए एक रचनात्मक प्रोजेक्ट तैयार कीजिए।"

- प्रोजेक्ट में शामिल करें (निर्देश):-
- यात्रा की शुरुआत से अंत तक का वर्णन करें।
- कहाँ से कहाँ की यात्रा की
- बस कैसी थी, कौन-कौन यात्री थे।
- रास्ते में क्या-क्या देखा और महसूस किया
- कोई मज़ेदार/रोचक घटना

## Sanskrit

- 'नदी' तथा 'साधु' शब्दरूप लिखें।
- 'गच्छ' तथा 'भव' धातुरूप लृटलकार तथा लङ्लकार में लिखें।

## English-1

Freedom, Honesty, Courage, Friendship, Imagination, Adventure, Nature, Family, Happiness, Responsibility, Respect, Dreams, Education, Technology, Kindness, Justice, Teamwork, Success, Confidence, Hard work, Gratitude, Health, Empathy, Peace, Tradition, Change, Environment, Discipline, Talent, Determination, History, Culture, Reading, Honours, Travel, Science, Truth, Lucid, Art, Bravery, Pollution, Goals, School, Respect, Books, Failure, Time, Patience, Forgiveness, Generosity, Hope, Benevolent, Unity, Citizenship, Music, Climate, Leadership, Creativity, Tolerance, Self-discipline, Abundant, Diligent.

**Write an essay in 350 words by using the words given above.**

## **English - 2**

The conversation between Hans and Jim about how conflicts and wars should be resolved showed a different side of soldier. Do you think that soldiers love to fight and shoot weapons?

**If you were asked to resolve one conflict from your life through a game, which game would you choose and why? (Write in 80-100 words)**

### **Submission Instructions:**

- Complete the assignment of English – 2 neatly on A4 sheets.
- Stick all pages securely in a folder/file before submission.
- Label your name, class, and roll number on the front page.
- **Note** : Do the **English – 1** assignment in your **English Language Development** notebook.

**Date of submission- 12/06/2025**