



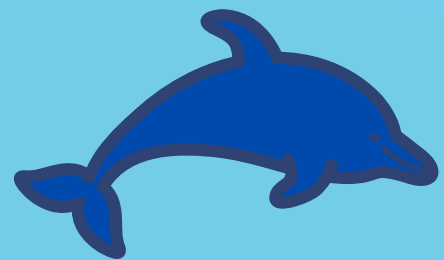
GREEN FIELDS SCHOOL

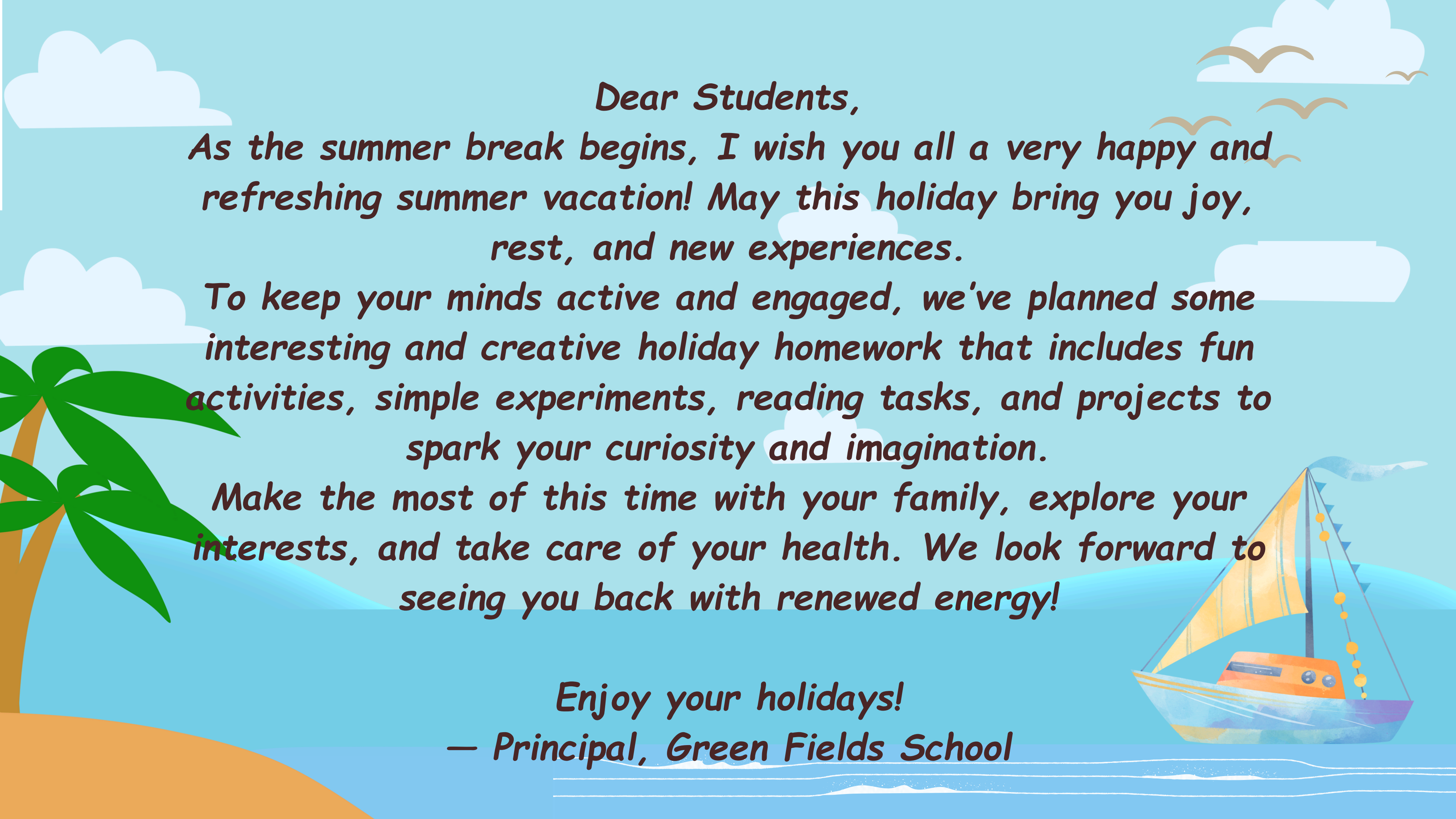
**A-2, SAFDARJUNG ENCLAVE
NEW DELHI - 110029**

CLASS - IX

HOLIDAY HOMEWORK

2025-26





*Dear Students,
As the summer break begins, I wish you all a very happy and
refreshing summer vacation! May this holiday bring you joy,
rest, and new experiences.*

*To keep your minds active and engaged, we've planned some
interesting and creative holiday homework that includes fun
activities, simple experiments, reading tasks, and projects to
spark your curiosity and imagination.*

*Make the most of this time with your family, explore your
interests, and take care of your health. We look forward to
seeing you back with renewed energy!*

*Enjoy your holidays!
— Principal, Green Fields School*

ENGLISH

Character Instagram Profile

Task: Choose a character from any chapter (The Little Girl, The Fun They Had, A Truly Beautiful Mind, etc.) and design their Instagram profile (a reference image is given below)

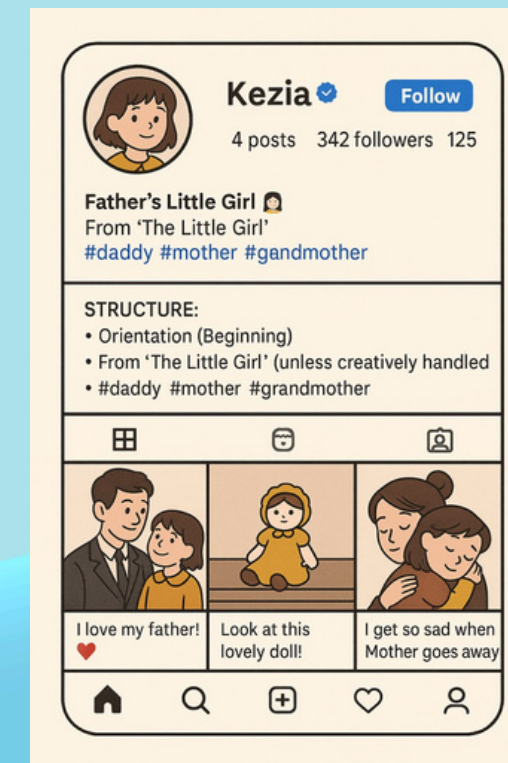
Include:

A profile picture

3-4 posts with captions

3 hashtags they would use

A short bio



BOOK COVER DESIGN

Task: Pick any one chapter from Beehive and design a new book cover for it. Include:



Title

Author

An original illustration

A back cover summary in 50 words

DESIGN THE PORTFOLIO

FIGURE OF SPEECH COMIC CHALLENGE

Task: Choose any 8 figures of speech and create a comic strip (3-6 panels) where each character "acts out" one.

Example: A character might say, "I'm so hungry I could eat a horse!" and another explains it's hyperbole.

Figures to consider:

Simile . Metaphor . Alliteration . Hyperbole . Personification . Pun

Irony . Onomatopoeia

How to do:

Make your comic colourful, witty, and informative. Each figure of speech should be clearly illustrated and explained.

FORMAT FOR THE SUBMISSION

1. Cover Page
2. Index
3. Acknowledgement
4. Certificate
5. Introduction
6. Content (Minimum 10 Pages)
7. Conclusion
8. Takeaway
9. Bibliography



HINDI

1. अपनी किसी यात्रा में उस राज्य की भौगोलिक स्थिति, प्राकृतिक सौन्दर्य, सांस्कृतिक विविधता, पर्यटकों के लिए आकर्षण, प्रमुख बातें, खानपान, कल्पनात्मक यात्रा के रूप में रंग बिरंगे चित्र सहित स्पायरल बाइडिंग करवाकर 500 शब्दों में पोर्टफोलियो तैयार कीजिए।
2. हिंदी साहित्य के आदिकाल, रीतिकाल, भक्तिकाल, आधुनिक काल के किसी एक प्रसिद्ध कवि या साहित्यकार के विषय में जानकारी उनकी प्रसिद्ध रचनाएँ, भाषाशैली और साहित्य में उनके योगदान को एक रंग- बिरंगी चित्र सहित **3 D पत्रिका** तैयार कीजिए।
3. अपनी किसी यात्रा के बिताए हुए पल की प्रत्यक्ष चित्र सहित यात्रा वृत्तांत अथवा परिवार के साथ मिलकर किसी भी एक व्यंजन की विधि को 3D चार्ट में दर्शाइए।
4. व्याकरण के किसी एक विषय पर चार्ट आकर्षक चार्ट बनाइए।

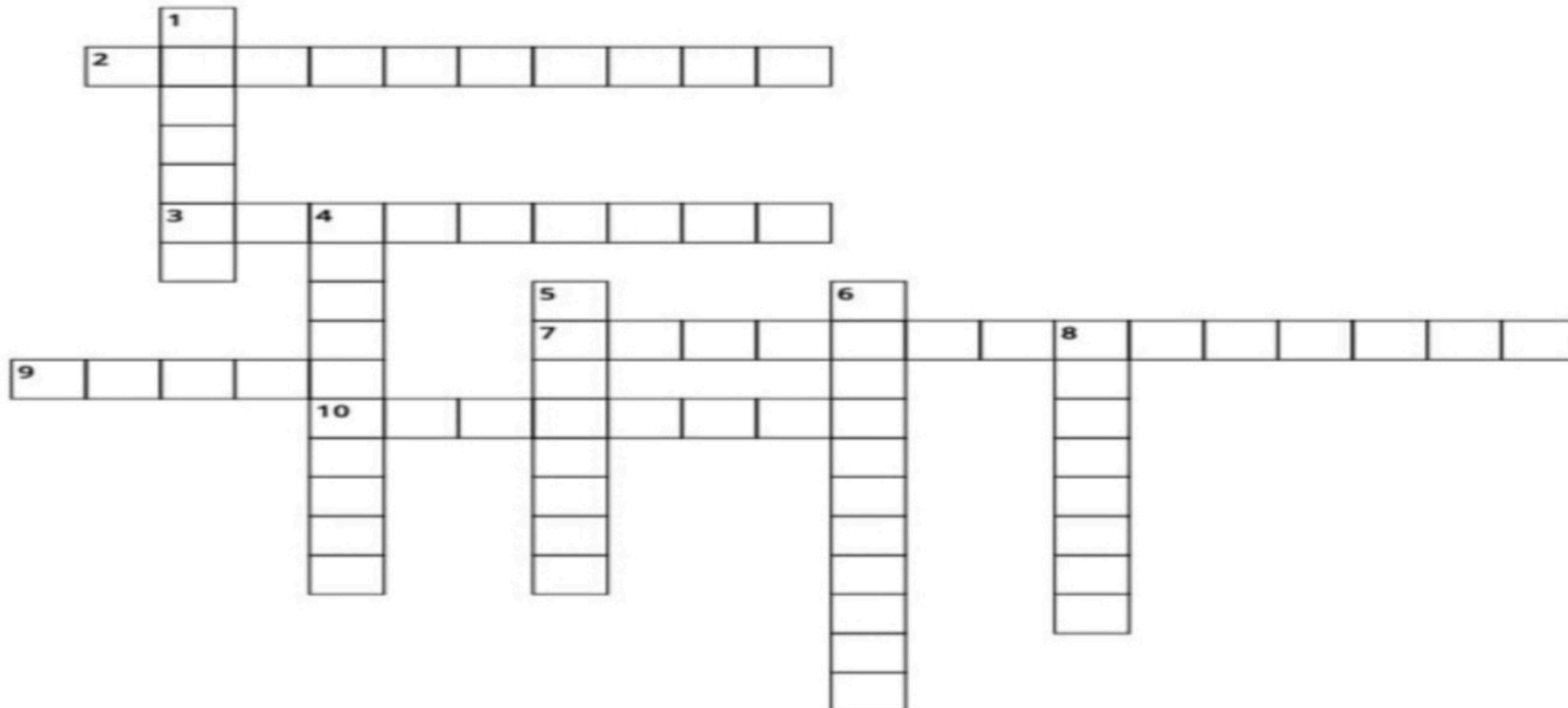
MATHEMATICS

Complete the worksheet on CH-1 Number System and CH-2 Polynomials from Assignment Booklet.

PORTFOLIO ACTIVITY:

- On A4 size sheets, write all the 'Algebraic Identities' and 'The Laws Of Exponents'.
- To locate irrational numbers on number line by square root spiral method.
- Put on your thinking caps and solve the Crossword puzzle

CROSSWORD CLASS IX MATHS



Across

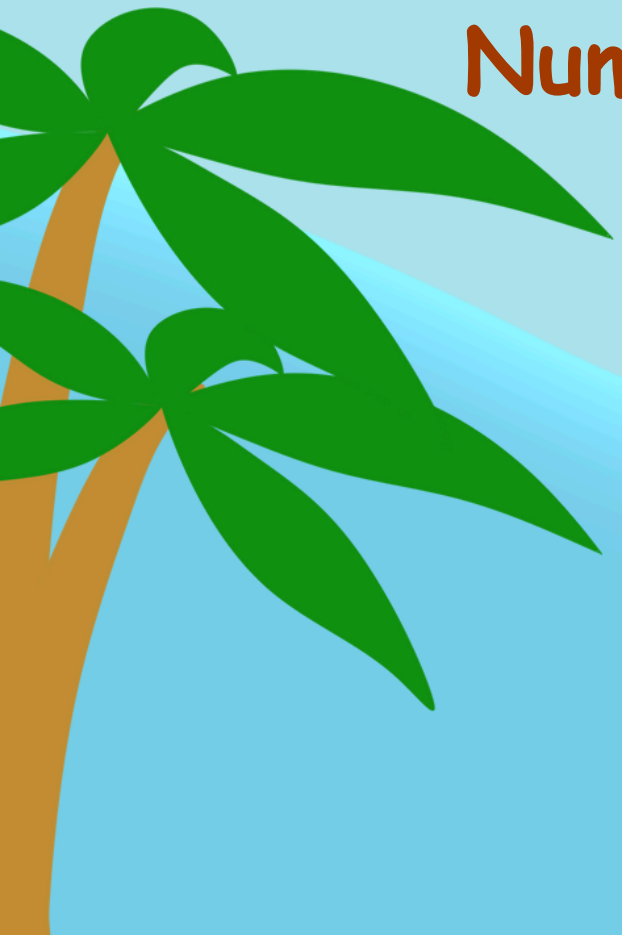
- 2.** a number that can not be represented in the form p/q
- 3.** To rationalise the denominator we have to multiply by -----
- 7.** 2.35 is a ----- decimal expansion
- 9.** The -----factorisation of composite numbers is unique
- 10.** a number that can be expressed as the ratio of two integers

Down

- 1.** For any two numbers $HCF \times LCM = \text{-----}$ of numbers
- 4.** There is a real number corresponding to every point on -----
- 5.** between any two real numbers there lie----- real numbers
- 6.** The union of all rational and irrational numbers
- 8.** name the set of whole numbers and their opposites

ART INTEGRATED PROJECT:

Make an art integrated project (use 10-12 A4 Sheets) on “Evolution of Number System: Journey from Counting Numbers to Real Numbers”

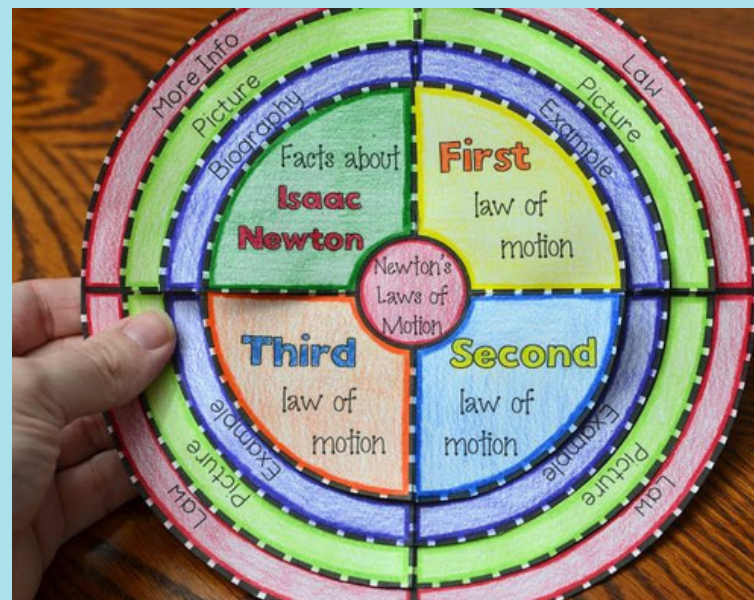


SCIENCE

Roll no. (1- 14) TOPIC : Physics TYPES OF MOTION

OBJECTIVE: To understand and differentiate different types of motion.

What to do: To prepare a working model on types of MOTION or Prepare a Venn Diagram cut out for TYPES OF MOTION. For Example :



Roll no. (15- 28) TOPIC : Chemistry

Portfolio: Make a ppt on topic evaporation causes cooling effect.

Project: Make project which shows example that evaporation causes cooling effect.

Roll no. (29- till last)

TOPIC : Biology "Cell City Project" - Model the Cell as a City

Objective: Understand cell structure and organelle functions.

What to do: Design a 3D model of city where each organelle is represented by city part:

Nucleus = City Hall , Mitochondria = Power Plant

Cell membrane = City gates, etc.

Add a tag explaining the scientific explanation of each organelle.

Prepare a brief report of what would happen if one part "shut down".

SUBJECT ENRICHMENT: Complete your practical file work till date along with index and proper diagrams.

MULTIPLE ASSESSMENT: Complete the assignment questions of chapters completed in Physics, Chemistry and Biology from the Assignment Booklet.

SOCIAL SCIENCE

SUMMER VACATION PROJECT ON Disaster Management

Following essentials are required to be fulfilled for its preparation and submission-

1. Length of the project- 15 pages of A-4size.
2. Project report will be handwritten/digital with original drawings, illustrations etc.
3. The project report will be developed and presented in this order
 - Cover page, List of contents, Acknowledgements, Project Overview, Chapters, Summary Report highlighting Objectives realized, Calendar of activities; Innovative ideas, List of questions asked in viva voce, Bibliography

..Following Topics to be Taken up by Class IX according to their roll numbers

Disasters	Roll No.s	Guidelines
<ul style="list-style-type: none">● EARTH QUAKE● FIRE● BOMB THREAT● FLOOD● DROUGHT	<ul style="list-style-type: none">● RollNos.1-8● Roll Nos.9-16● Roll Nos.17-24● Roll Nos.25-32● <u>RollNos.33</u> onwards	<p>Brief explanation about the Disaster</p> <p>Causes</p> <p>Role of Human in such Disasters</p> <p>Impact on social , political & economic life of People</p> <p>Prevention and awareness</p> <p>Disaster Risk Plan</p> <p>Role of Government</p> <p>Poster to spread awareness amongst community members.</p> <p>Case Studies</p>

Rubrics

S.No.	Aspects	Marks
a	Content accuracy, originality and collaborative skills	2
b	Competencies exhibited and Presentation	2
c	Viva	1

Note: Various forms of art need to be integrated with the project.

Portfolio Activities

- Make a poster on river pollution with a slogan
- Stick pictures of fixed and working capital on an A4 size sheet and write why are they called so.



COMPUTER

CLASS IX ARTIFICIAL INTELLIGENCE (SUB. CODE 417)

Holiday Homework Assignment: Python Project on Indian States and Their Foods

Objective:

Students will write a Python program that:

You are to create a Python program named `state_food_display.py` that performs the following:

1. Takes the name of an Indian state as input from the user.
2. Using if-else statements, match the input to a list of predefined states.
3. Prints the names and images of traditional dishes from that state.

For each matched state, display:

1. The name of the state.
2. A short description of the traditional foods.
3. Images of all traditional dishes from that state.
4. Helps students learn both programming and Indian culinary diversity.

Deliverables (What Students Will Submit):

1. Python Script (state_food_display.py) with all states.
2. Image Folder (images/) containing food images.
3. Video Demo (screen recording of the program being run).
4. Presentation (file) with:
 - Title
 - Objective
 - Tools used
 - Screenshots of the code and outputs Images of food
 - Explanation of logic used (if-else)
 - Learning outcomes



Class IX Information Technology

1. Algorithm Story - A Tourist's Journey (Sequencing)

Activity: - Write step-by-step instructions (like an algorithm) for a tourist visiting:

- Use Edrawsoft, visme, Lucidchart etc

- Example (Gujarat):

1. Start at Statue of Unity.
2. Take a boat ride.
3. Eat Khaman for lunch.
4. Visit Rann of Kutch.

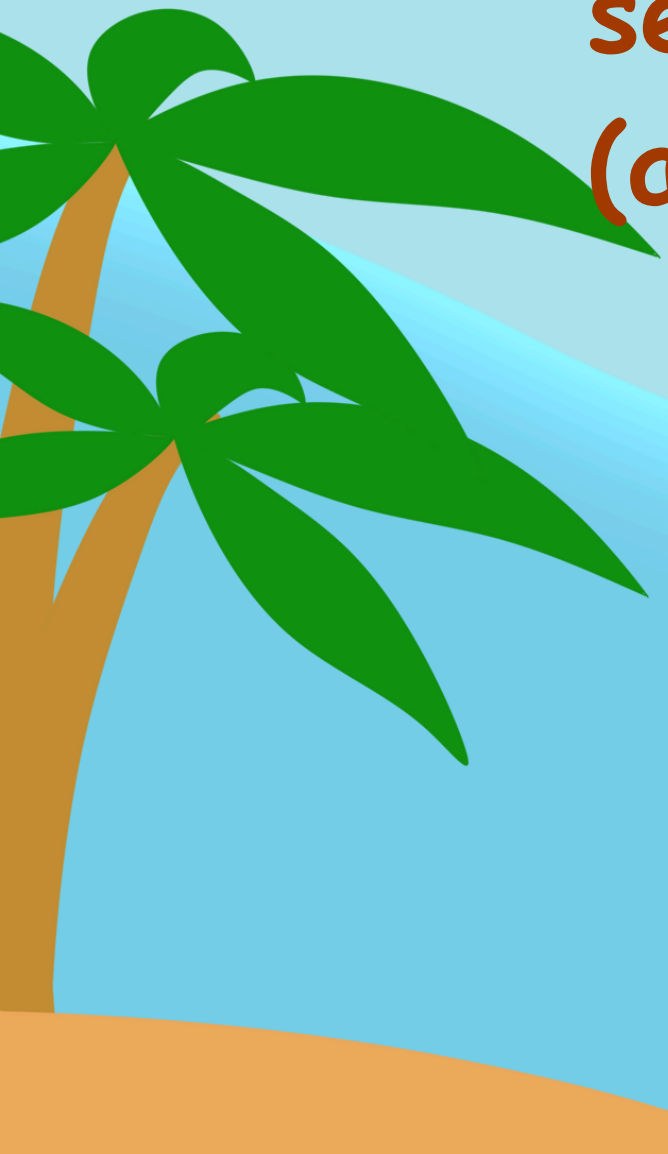
Fun Twist: Draw arrows like a flowchart!

2. Make a Digital collage in Canva/Fotor/Adobe Express/pic collage etc.



ART

Topic : Commercial Art - In your art file, design a 'poster advertisement' to promote selling of any one item used in our day today life (any colour can be used).



SEWA ACTIVITIES FOR SUMMER

Each One Teach One

Identify a child deprived of basic education or need assistance. Devote an hour daily and complete the project with the help of teaching material provided to you. Click photos and keep sharing the pictures to your respective class teachers.

Plant a Tree / Create a Mini Garden

Plant saplings in the locality or at home.
Take care of them regularly & track their growth. Share weekly updates through digital photo diary.

Upcycling Old Items

Turn old clothes into bags, mats or decorative items.
Document the process and create a "before and after" portfolio.



श्रमदान गतिविधि

- 1• एक पढ़ें,सब पढ़ें
- 2•पेड़ लगाओ,जीवन बचाओ
- 3•सार्वजनिक स्थान की स्वच्छता में सहभागिता

विशेष :- *उपरोक्त में से कोई दो गतिविधियों को प्रत्येक छात्र ग्रीष्मावकाश कार्य में करेंगे।*अपना नाम, कक्षा, अनुभाग और गतिविधि के शीर्षक के साथ फोटो कक्षा ग्रुप में भेजेगें और फोटो पोर्टफोलियो में संलग्न करेंगे।*



HAPPY SUMMER
HOLIDAYS