

VIII CLASS YEAR PLAN  
2022-2023

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- CLASS : VIII

HINDI ( II LANG)

YEAR PLAN

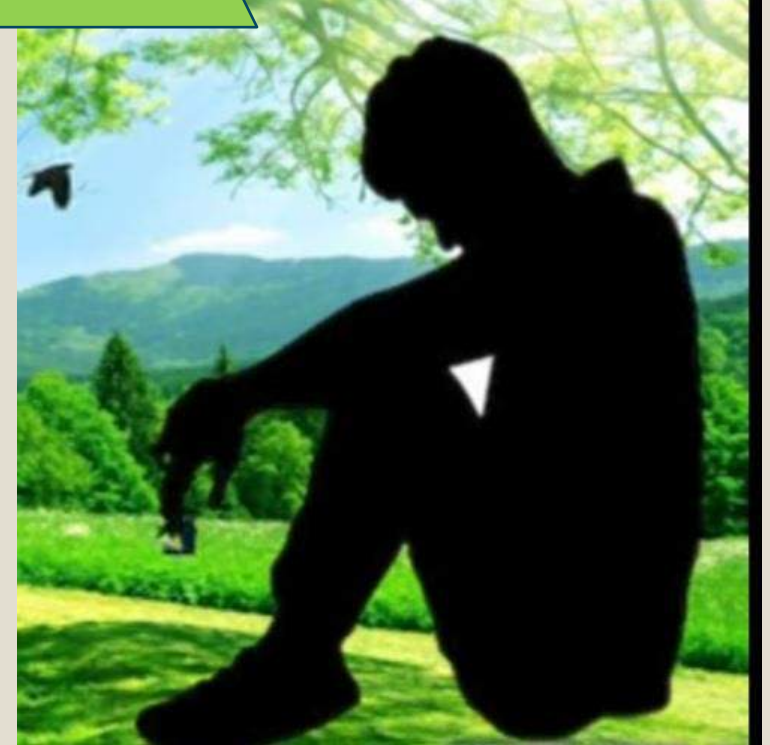
2023 - 2024

**APRIL**

○ जीवन नहीं मरा करता है

**व्याकरण**

विशेषण ,पद विग्रह ,  
वाक्यांश के लिए एक शब्द ,  
लोकोक्ति ,



# JUNE

○ दो कलाकार

व्याकरण:

संज्ञा के भेद , उपसर्ग , प्रत्यय ,

मुहावरे





JULY

- एक अधूरी यात्रा
- गुटका टेस्ट मैच



व्याकरण :

संबंधबोधक , काल , निपात ,  
रचना के आधार पर वाक्य

**AUGUST**

○ अंबर की बातें क्या जानूँ

○ महायज्ञ का पुरस्कार

○ व्याकरण:

शब्द भेद , विशेषण के भेद ,  
भाषा सौंदर्य , कारक , पद परिचय



# SEPTEMBER

- बीज – पौध का जन्म
- भारतगान

**व्याकरण :**

पद परिचय , कारक के भेद , भाषा- सौंदर्य



**OCTOBER**

. **Mid term exams**

**व्याकरण :**

स्वर –संधि ,संबंध बोधक



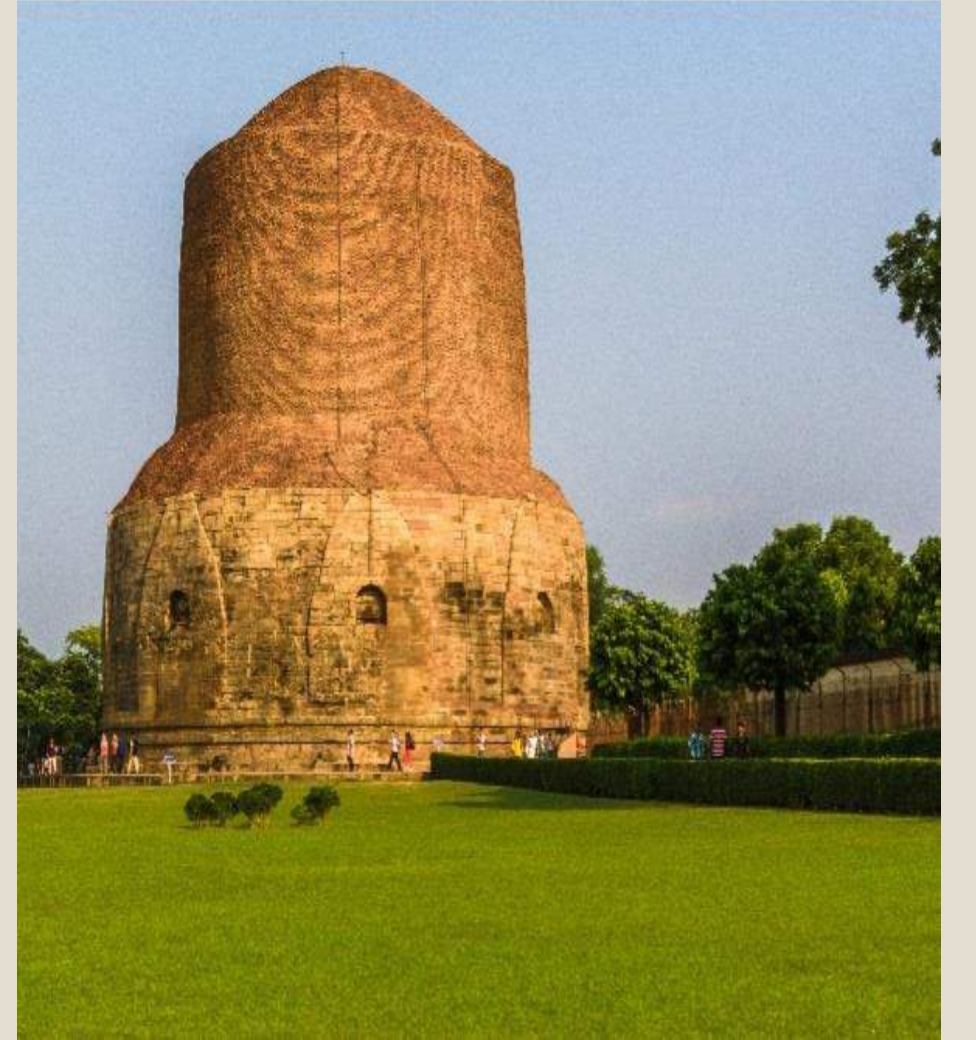


# NOVEMBER

- सारनाथ
- जहाँनारा

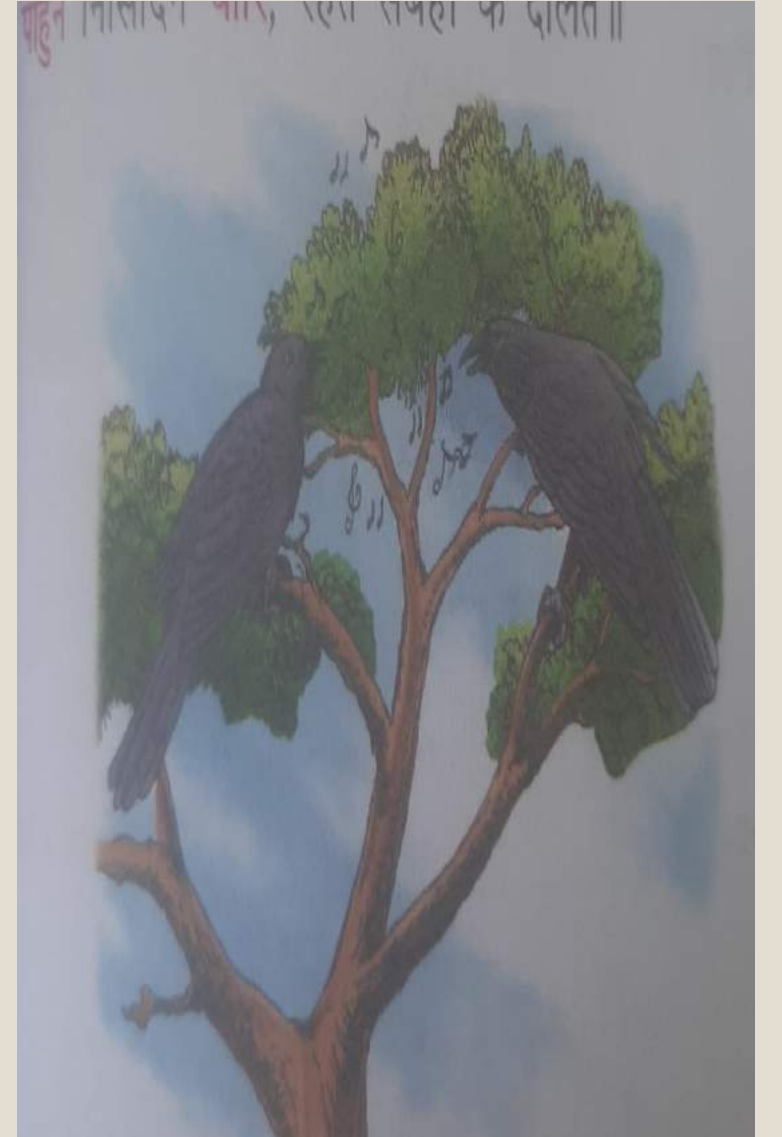
**व्याकरण:**

समास , विराम चिन्ह , क्रिया ,  
अर्थ के आधार पर वाक्य भेद



# DECEMBER

- भारत में सिनेमा के जनक  
व्याकरण:  
संज्ञा , सर्वनाम , विशेषण ,  
भाषा सौंदर्य



# JANUARY

- कुंडलियाँ
- ठीक निशाने पर

**व्याकरण:**

मानक वर्तनी , संयुक्त क्रिया  
सर्वनाम

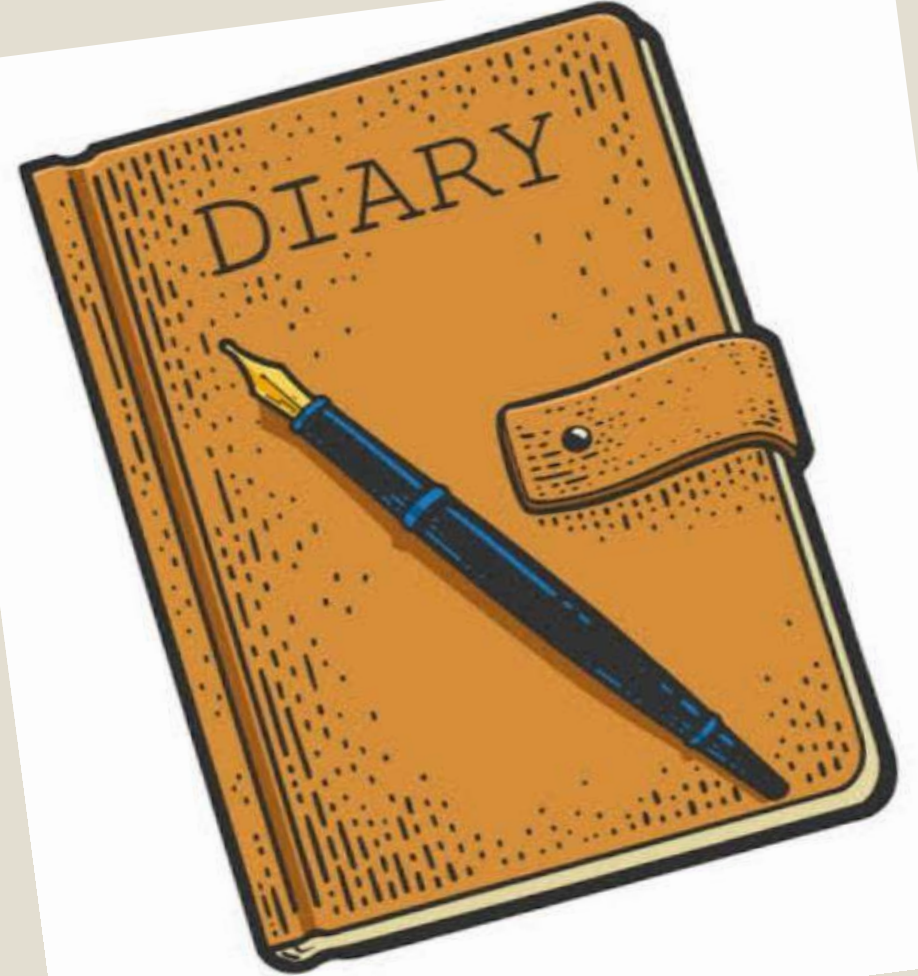


# FEBRUARY

- ऐन फ्रैंक की डायरी

व्याकरण :

संयुक्त वाक्य , योजक

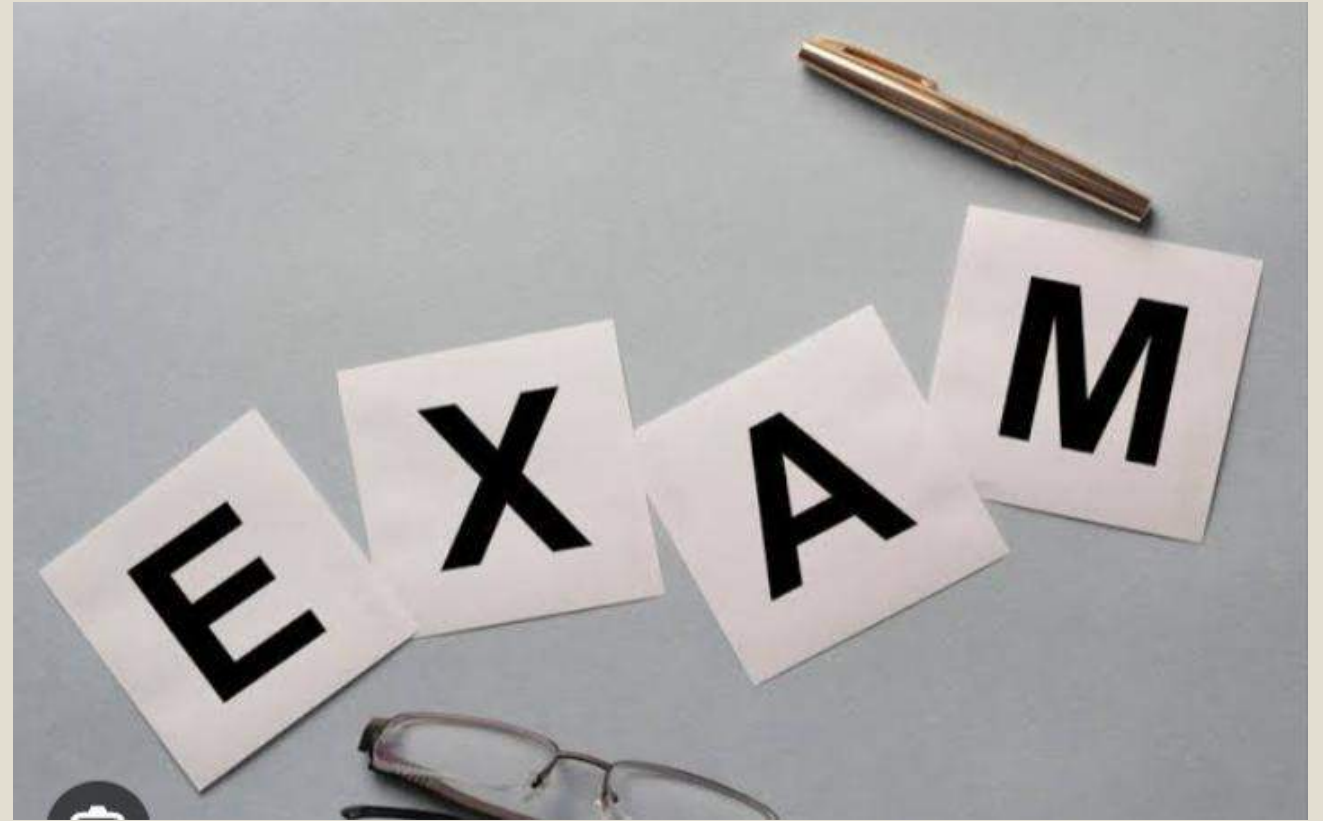




○

**MARCH**

**पुनरावृत्ति  
वार्षिक परीक्षा**





# St. Patrick's High School (ICSE) Secunderabad

**YEAR PLAN – (2023-24)**  
**CLASS- VIII (HINDI –III L)**

# Month- April

- ▶ स्वर
- ▶ व्यंजन
- ▶ बारहखड़ी
- ▶ संयुक्ताक्षर
- ▶ द्वित्वाक्षर

अ	आ	इ	ई	उ	ऊ	ऋ
ए	ऐ	ओ	औ	अं	अः	
क	ख	ग	घ	ङ		
च	छ	ज	झ	ञ		
ट	ठ	ड	ढ	ण		
त	थ	द	ध	न		
प	फ	ब	भ	म		
	य	र	ल	व		
	श	ष	स	ह		
		क्ष	त्र	श		

# Month – June

- ▶ पाठ – राजा बदल गया
- ▶ व्याकरण - विराम चिह्न





# Month – July

- ▶ पाठ – प्यारा गाँव
- ▶ व्याकरण - संज्ञा- भेद





# Month – August

► पाठ – कौन?

► व्याकरण - विशेषण



# Month – September

- ▶ पाठ – दिल्ली से पत्र
- ▶ पाठ – धरती की आँखें
- ▶ व्याकरण – सर्वनाम

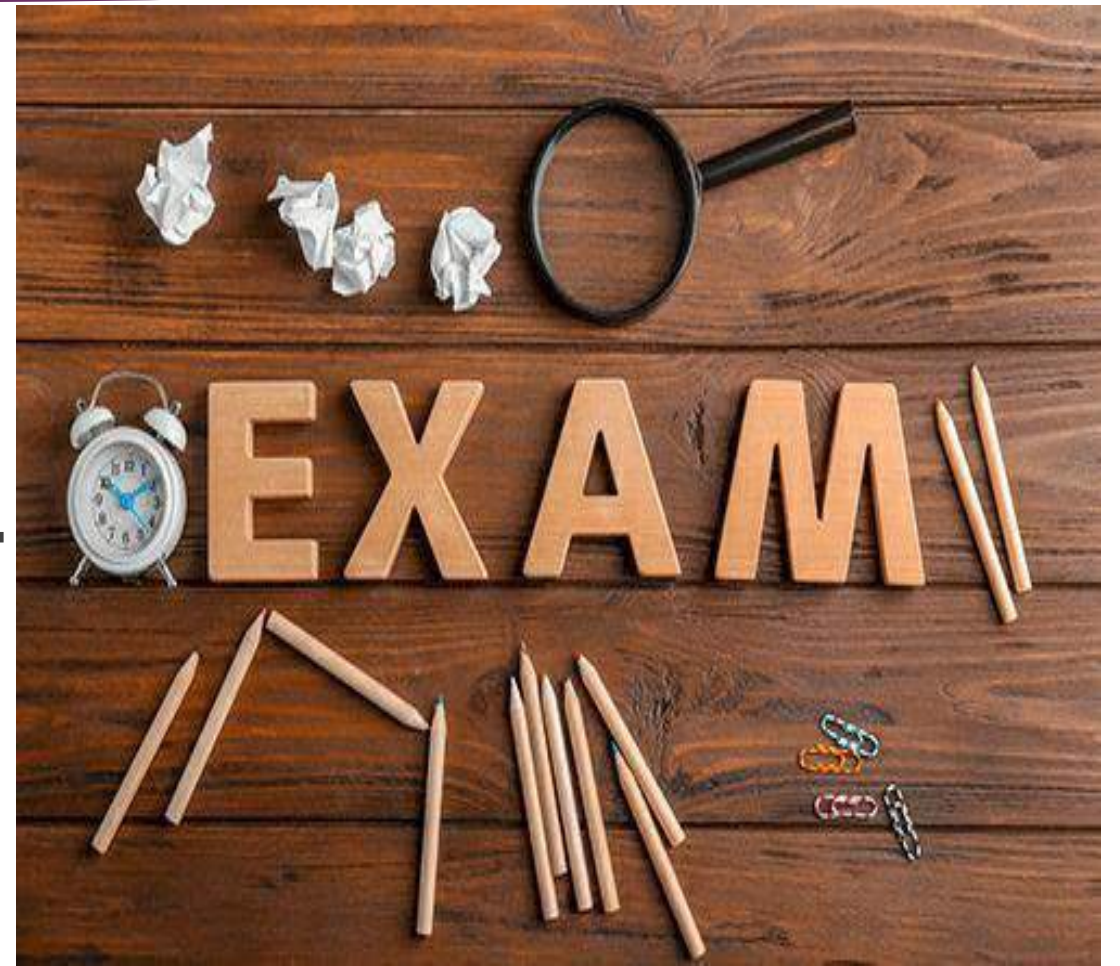




# Month- October

▶ Mid Term exam

▶ व्याकरण – सर्वनाम के भेद

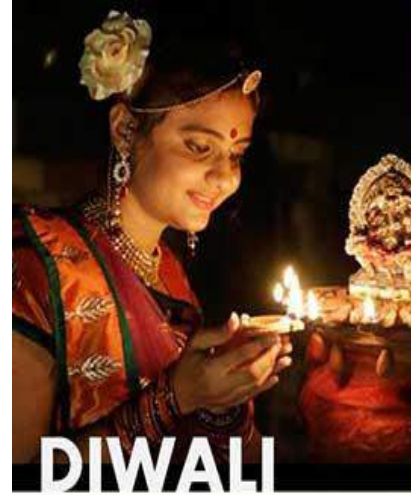




# Month- November

► पाठ – त्योहारों का देश

► व्याकरण – काल



Festivals  
of India!



# Month- December

- ▶ पाठ – चावल के दाने
- ▶ व्याकरण – क्रिया

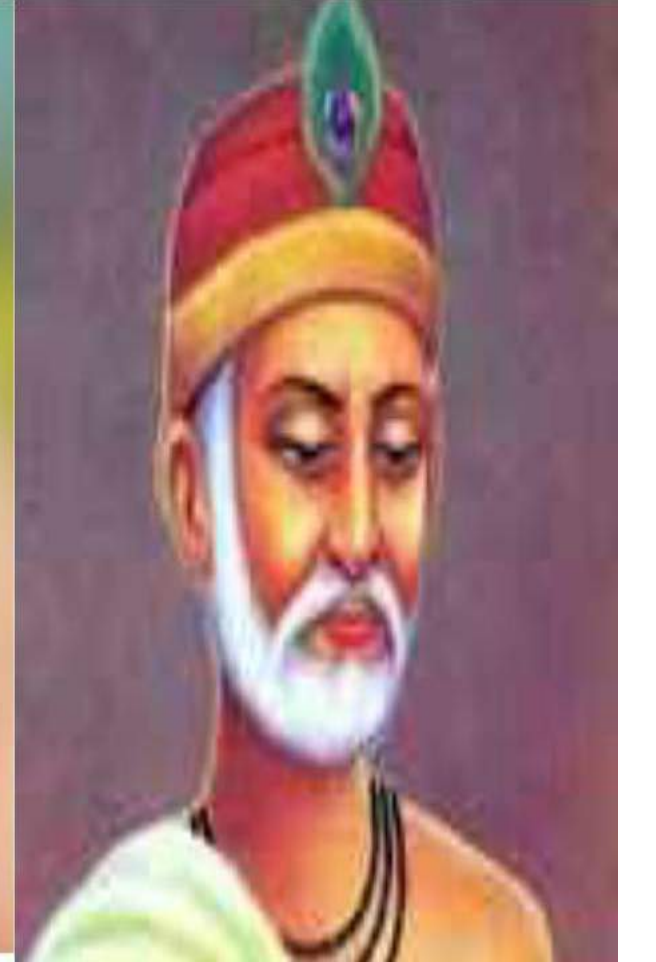
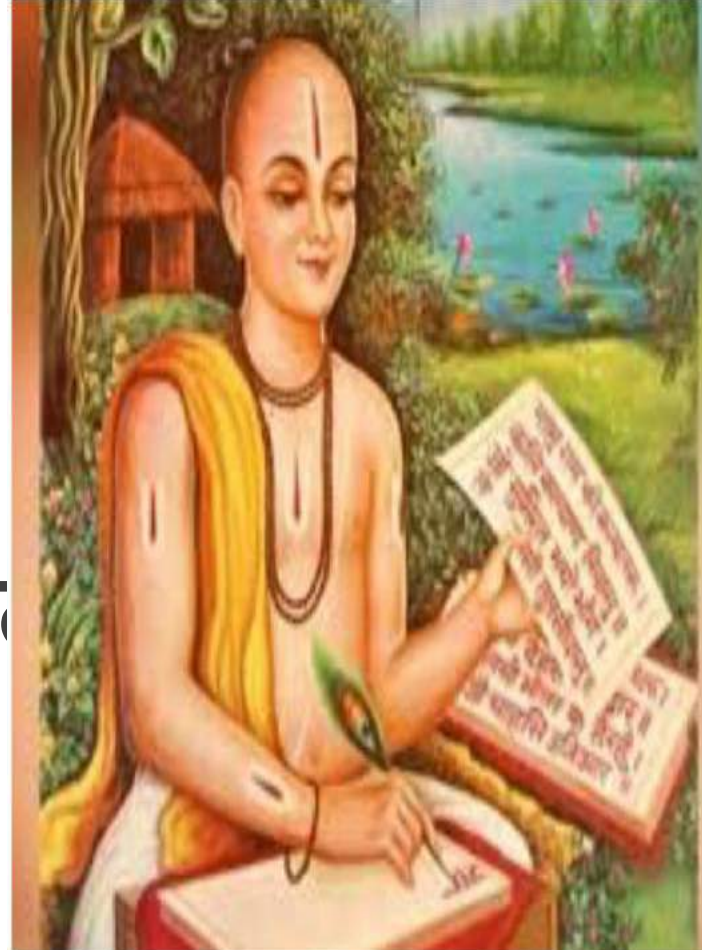




# Month- January

► पाठ – अनमोल रत्न

► व्याकरण – क्रिया- भेद



# Month- February

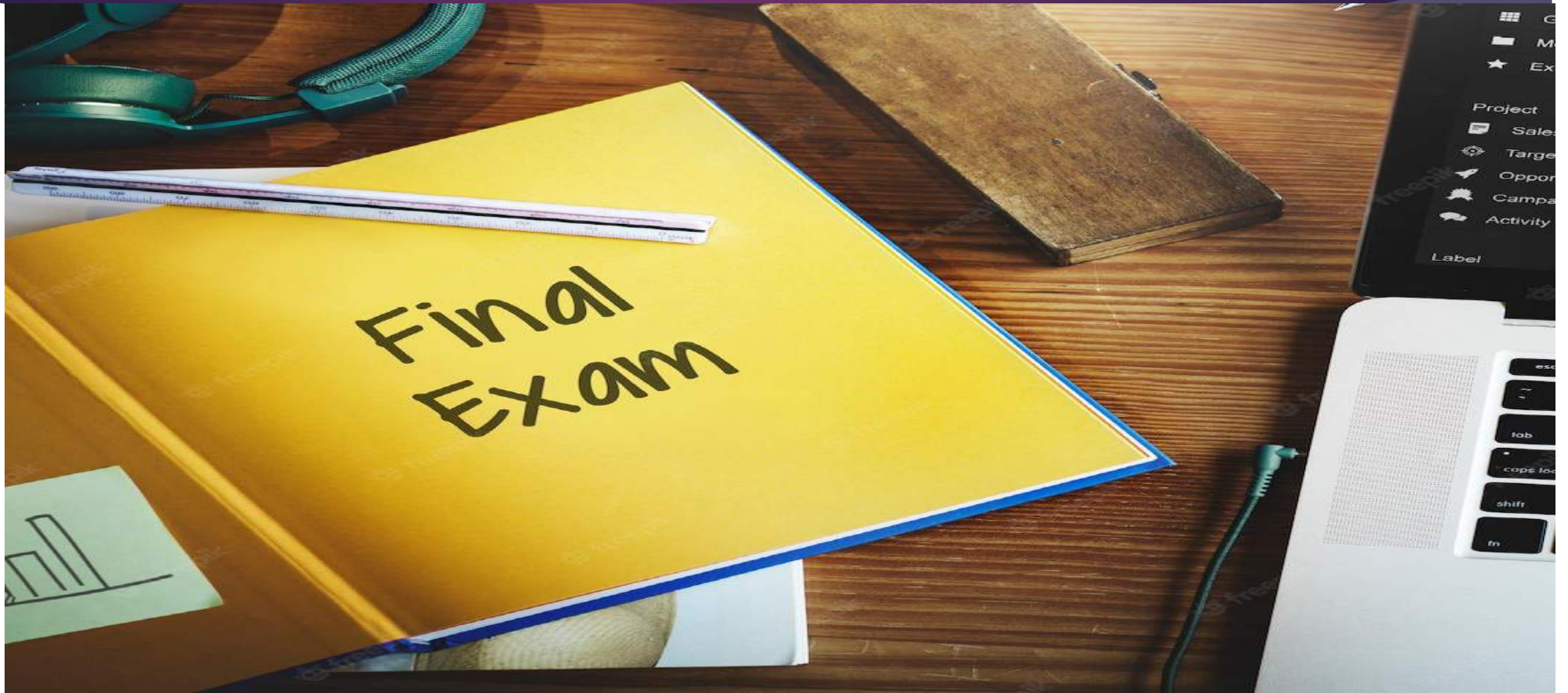
▶ पाठ - हार के आगे जीत

▶ व्याकरण - पत्र लेखन





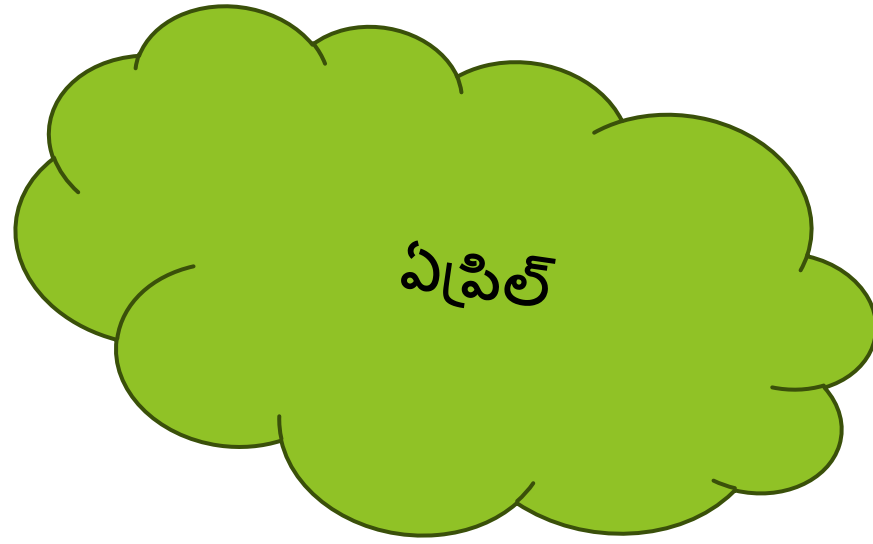
# Month- March



8వ తరగతి  
ద్వితీయ భాష తెలుగు  
వార్షిక ప్రణాళిక 2023-  
24



1. త్యాగనిరతి  
లేఖ  
స్వీయ రచన  
పదజాలం  
భాషాంశాలు





# 2. సముద్రప్రయాణం

(జూలై)

\*

వ్యాసం

\*

పదజాలం

\*

భాషాంశాలు





# ర.బండారిబసవన్న (జూలై)

- \* సంభాషణ
- \* పదజాలం
- \* భాషాంశాలు



# 4. అసామాన్యములు

జాతి

\*

ప్రశ్నావళి

\*

పదజాలం

\*

భాషాంశాలు





# ౧. శతకసుధ ( ఆగస్టు )

\* ప్రకటన

\* పదజాలం

\* భాషాంశాలు



శుభ



# ౧. తెలుగు జానపద గేయాలు

ఆగష్టు

ఆహ్వాన పత్రిక

పదజాలం

భాషాంశాలు





7.మంజీర

సెప్టెంబర్

కవితలు, గేయాలు

పదజాలం

భాషాంశాలు



పునరభ్యాసం-1  
అక్టోబర్

రి.చిన్నప్పడు (నవంబర్)

\* అభినందన పత్రం

\* పదజాలం

\* భాషాంశాలు





# 9. అమరుల (నవంబర్)

\* కథలు రాయడం

\* పదజాలం

\* భాషాంశాలు





10. సింరేణి

\* కవితలు రాయడం

\* పదజాలం

\* భాషాంశాలు

**డిసెంబర్**



# 11. కాపుబిడ్డ (జనవరి)

\* కవితలురాయడం

\* పదజాలం

\* భాషాంశాలు





## 2. మాట్లాడేనాగలి

(జనవరి)

\* ఊహాత్మక కథలురాయడం

\* పదజాలం

\* భాషాంశాలు (పునరభ్యాసం. లేఖ  
సంభాషణ)



శ్రీబ్రవరి  
పునరభ్యాసం  
వార్షిక పరీక్ష





ధన్యవాదాలు

Year plan -2023-24  
తెలుగు తృతీయ భాష  
వార్షిక ప్రణాళిక  
8వ తరగతి





# 1. ఏది గొప్ప దానం?

అపరిచిత గద్యం

\*స్వీయ రచన, భాషాంశాలు

ఎప్రిల్





## 2. మనిషి మారాలి.

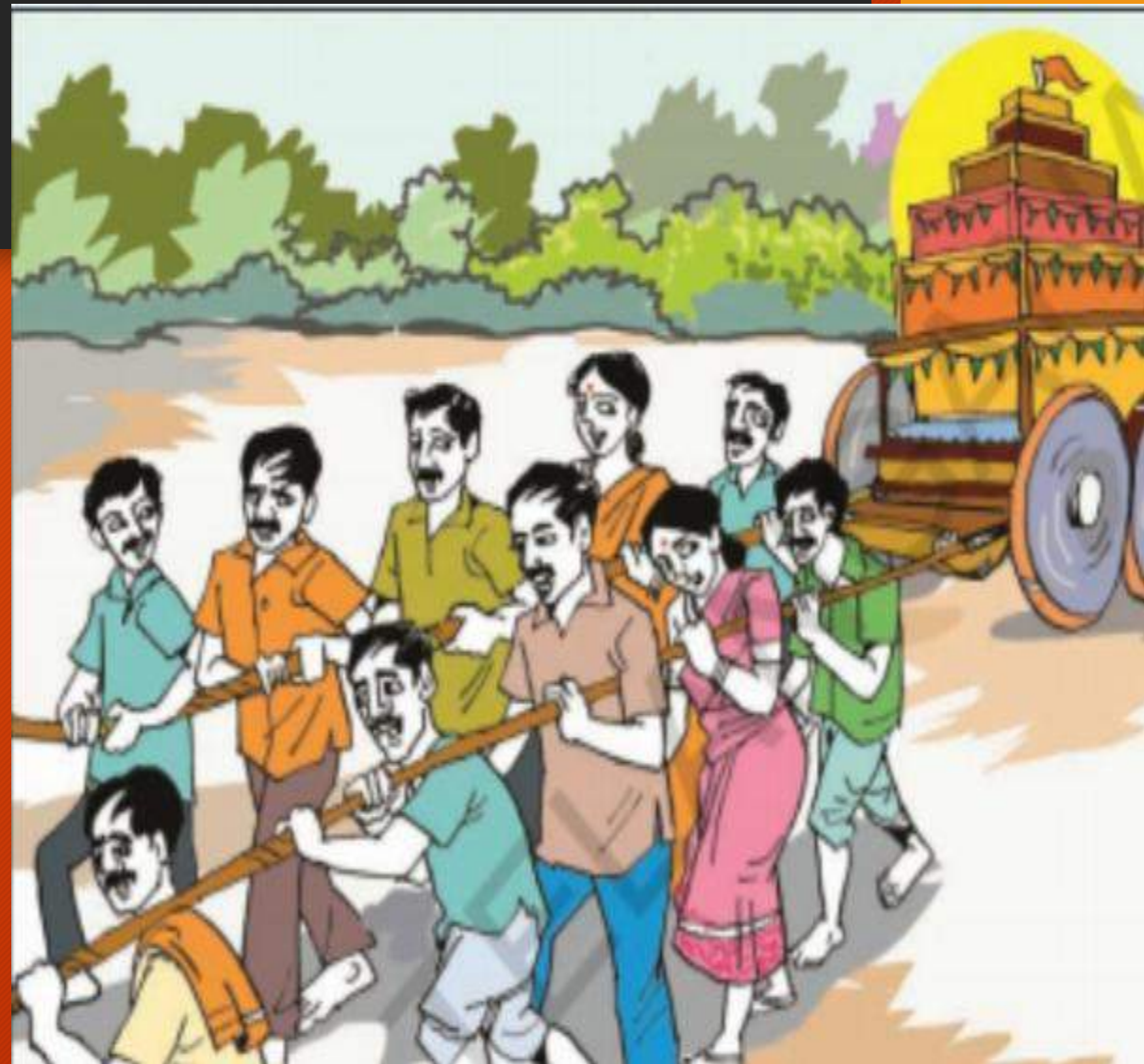
జూన్

- \*స్వీయ రచన,
- అపరిచిత గద్యం,
- పదజాల వినియోగం (అర్థాలు, సొంత వాక్యాలు, ప్రకృతి వికృతులు
- వ్యతిరేక పదాలు, )
- విభక్తి ప్రత్యయాలు.



## 3. ఐకమత్యం

- \*తెలుగు సంవత్సరాలు
- స్వీయ రచన
- పదజాలవినియోగం
- భాషను గురించి తెలుసుకుందాం





## 4. బతుకమ్మ పండుగ (ఆగష్టు)

- స్వీయ రచన
- పదజాల వినియోగం
- వ్యాకరణాంశాలు





## 5. ఆలంపురం ( సెస్టెంబర్ )

- స్వీయ రచన
- పదజాలం
- భాషాంశాలు



# పునరభ్యాసం- I (అక్షోబర్)

## 6.మధుర వచనములు (నవంబర్)

- స్వీయ రచన
- పదజాలం
- భాషను గురించి తెలుసుకుందాం





## 7.నా బాల్యం (డిసెంబర్)

- స్వీయ రచన
- పదజాలం
- భాషను గురించి తెలుసుకుం





## 8. మ్రోడుమొర (జనవరి)

- స్వీయ రచన
- పదజాలం
- భాషను గురించి తెలుసుకుందాం



పునరభ్యాసం (ఫిబ్రవరి)

ధన్యవాదాలు

[www.greetings.live](http://www.greetings.live)



# CLASS VIII ENGLISH

YEAR PLAN – 2023-2024



MONTH	TITLE/LESSONS/POEMS	GRAMMAR AND VOCABULARY	EXAM PORTION
APRIL - 2023	Lesson:1, The New Home	<ul style="list-style-type: none"> <li>Recap:</li> <li>Parts of Speech</li> <li>Notice</li> <li>Email</li> </ul>	
JUNE - 2023	Poem:1, Lines Composed in a Wood on a Windy Day Lesson:2, Michelangelo	<ul style="list-style-type: none"> <li>Parts of speech,</li> <li>Nouns, Pronoun, Adjectives, Adverbs, Prepositions,</li> <li>Subject and predicate</li> <li>Phrasal verbs</li> </ul>	
JULY - 2023	Poem:2, The Hero Lesson:3, The Enchanted Pool Lesson: 4 March  PROJECT-I (Literature and Language)	<ul style="list-style-type: none"> <li>Conjunctions</li> <li>Tenses</li> </ul>	Unit Test 1 Portion <b>English-I [Grammar]</b> Notice and email writing, Informal letter, Comprehension <b>English-II [Literature]</b> Lessons-1&2      Poems-1&2

MONTH	TITLE/LESSONS/POEMS	GRAMMAR AND VOCABULARY	EXAM PORTION
AUGUST – 2023	Poem:3, The Village School Master Lesson:5 Grandfather and the Python Lesson:6 The Bishop of Digne	<ul style="list-style-type: none"> <li>• Finite and non-finite verbs</li> <li>• Modals,</li> <li>• Determiners,</li> <li>• Active and Passive voice,</li> <li>• Direct and Indirect Speech</li> </ul>	
SEPTEMBER – 2023	Poem:4, I wandered lonely as a Cloud Lesson:7, The Prize Poem Lesson:8 The Dying Detective  Revision for Term I	<ul style="list-style-type: none"> <li>• Kinds of sentences according to function</li> <li>• Kinds of Phrases</li> <li>• Kinds of Clauses</li> <li>• Kinds of sentences according to structure</li> </ul>	Term I Portion: <b>English-I [Grammar]</b> Comprehension, Notice and Email, Letter writing, Verbs, Prepositions, Combine Sentences, and Do as directed. <b>English-II [Literature]</b> Lessons-1 to 7 Poems-1 to 4
OCTOBER-2023	PROJECT WORK-2		

MONTH	TITLE/LESSONS/POEMS	GRAMMAR AND VOCABULARY	EXAM PORTION
NOVEMBER – 2023	Poem:5, For You O Democracy Lesson:9 The Shoemaker Lesson:10 After Twenty Years	<ul style="list-style-type: none"> <li>Transformation of sentences</li> <li>Capital letters and punctuation</li> <li>Subject-Verb Agreement</li> </ul>	
DECEMBER – 2023	Poem:6 Going Down Hill on a Bicycle  Lesson:11, The Luncheon  Revision		UNIT TEST-2 PORTION <b>ENGLISH-I</b> Portion: Poem-5, Lessons- 8&9 <b>ENGLISH-II</b> Comprehension, Notice and Email, Letter writing, Verbs, Prepositions, Combine Sentences, and Do as directed.
JANUARY- 2023	Lesson :12 King Lear  Revision		UNIT TEST-3 PORTION <b>ENGLISH-I</b> Ls-10,11 &12, Poem-6 <b>ENGLISH-II</b> Comprehension, Notice and Email, Letter writing, Verbs, Prepositions, Combine Sentences, and Do as
FEBRUARY- 2023			



**St. Patricks High school**  
**Secunderabad , ICSE**  
**Class VIII**  
**Mathematics**  
**Year plan 2023-2024**

➤ June

**1. Rational Numbers**

**2. Exponents & Powers**

**3. Squares & square roots, Cubes & cube roots**





**July**

5. Sets

17. Quadrilaterals

**August**

18. Three-Dimensional solids

6. Percentage

9. Ratio & Proportion







**SEPTEMBER**

**7. Profit & Loss, Discount & Tax**

**8. Simple Interest & Compound Interest**

**October**

**10. Direct and Inverse Variation**





# November

12. Fundamental concepts & operations  
on algebraic expressions
13. Algebraic Identities
14. Factorization







**December**

25. Statistics

26. Graphical representation of  
statistical data

15. Linear equations







**January**

**22. Co-ordinate System & Linear  
graphs**

**23. Perimeter and area of plane figures**

**24. Volume & surface area of solids**



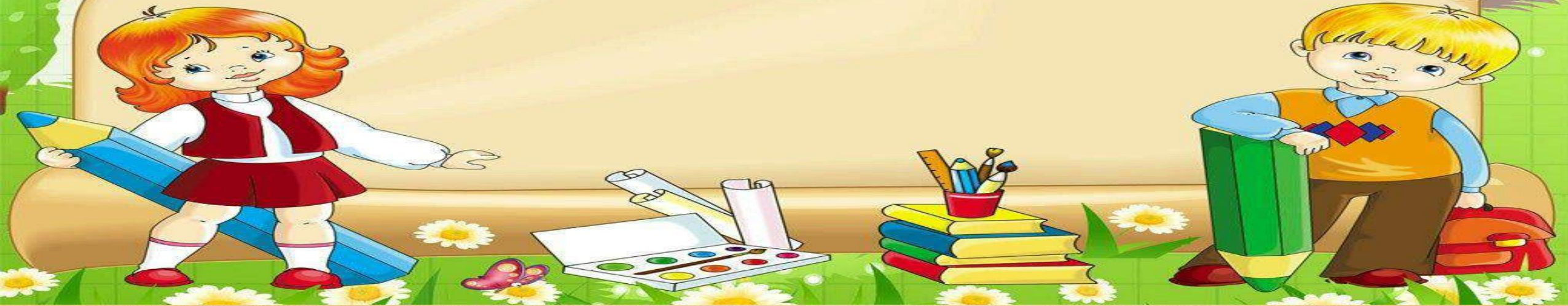




**February**

**19. Geometrical constructions**

**27. Probability**



# St. Patrick's High School

Year Plan : 2023 - 24

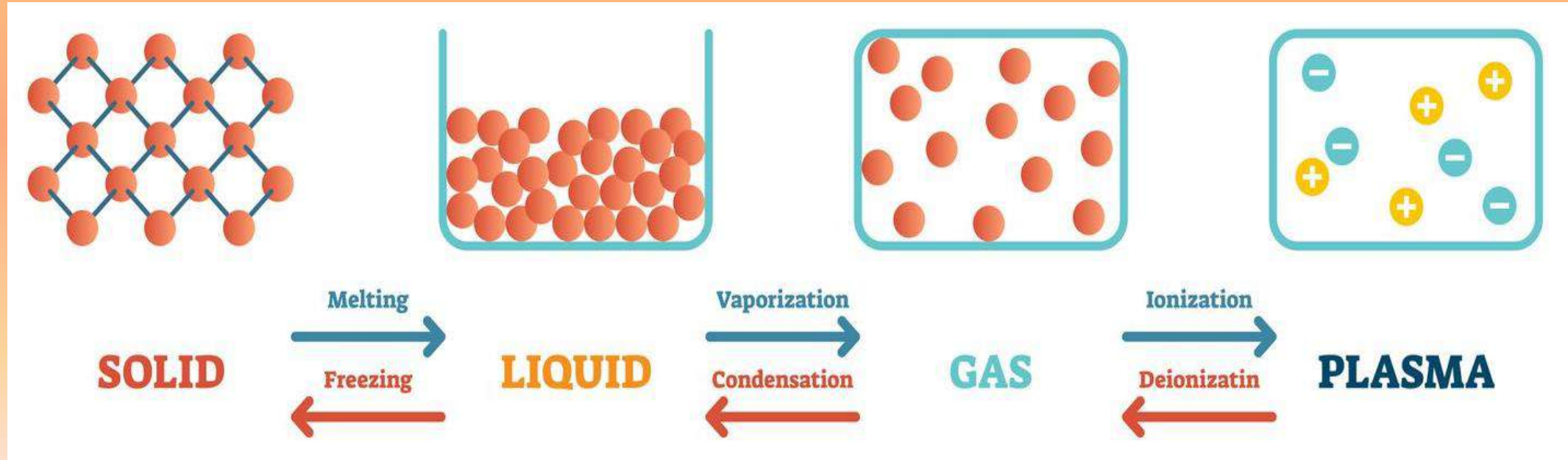
Subject : Physics

Grade : VIII



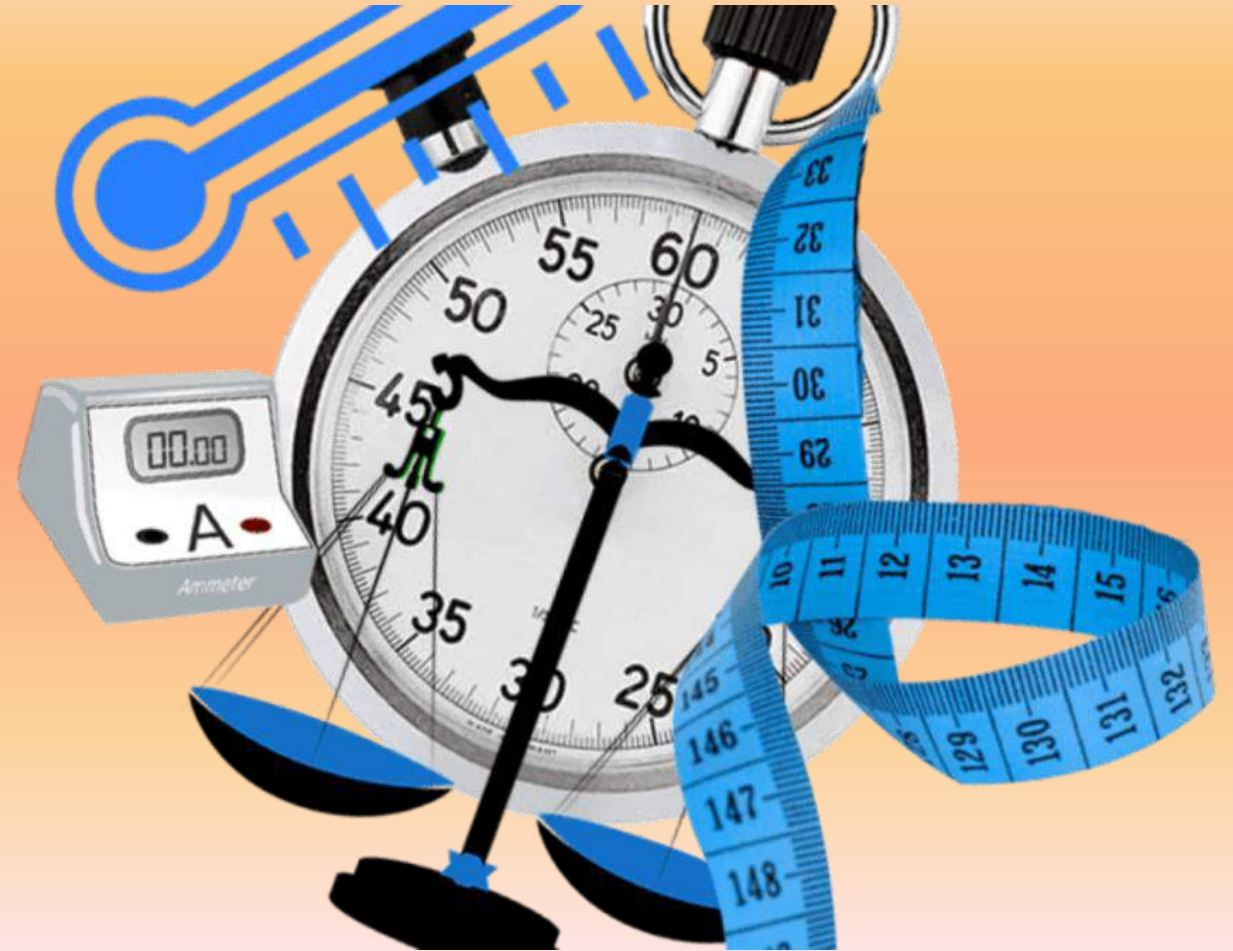
# Month - *April / June*

## Lesson : *Matter*



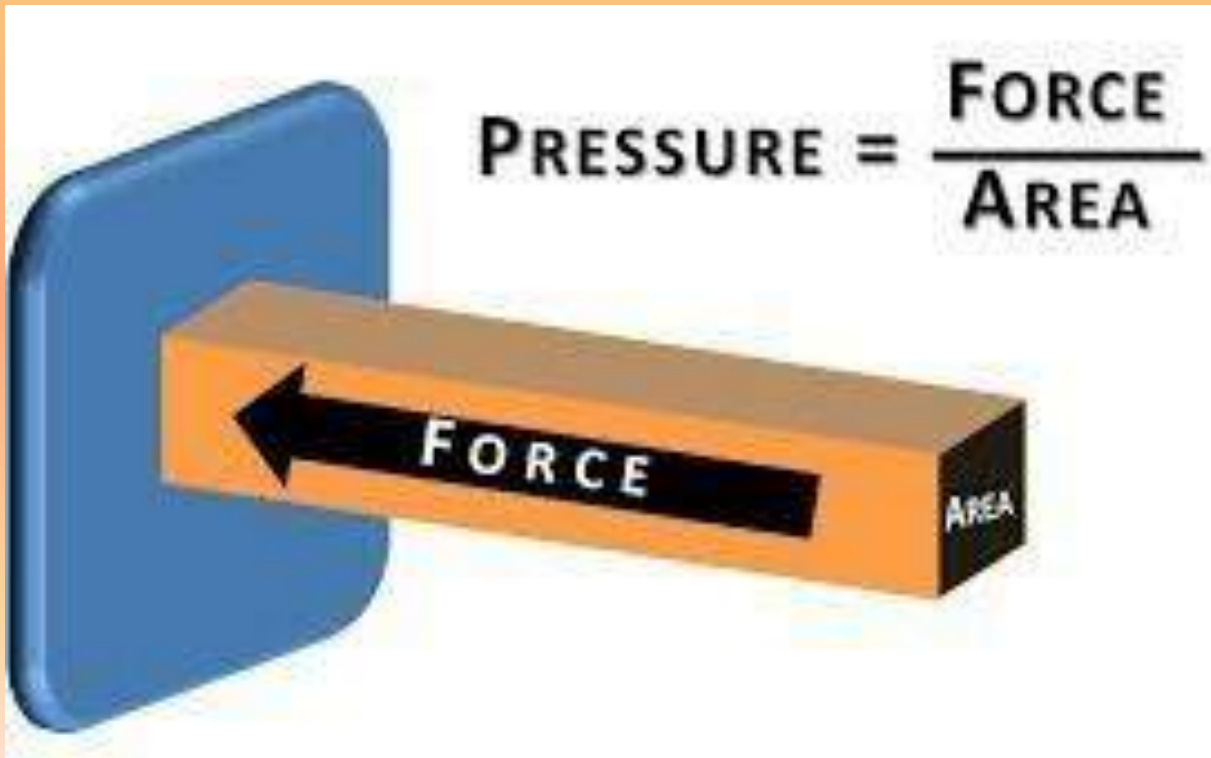
# Month - *July*

**Lesson :**  
*Physical  
Quantities &  
Measurements*





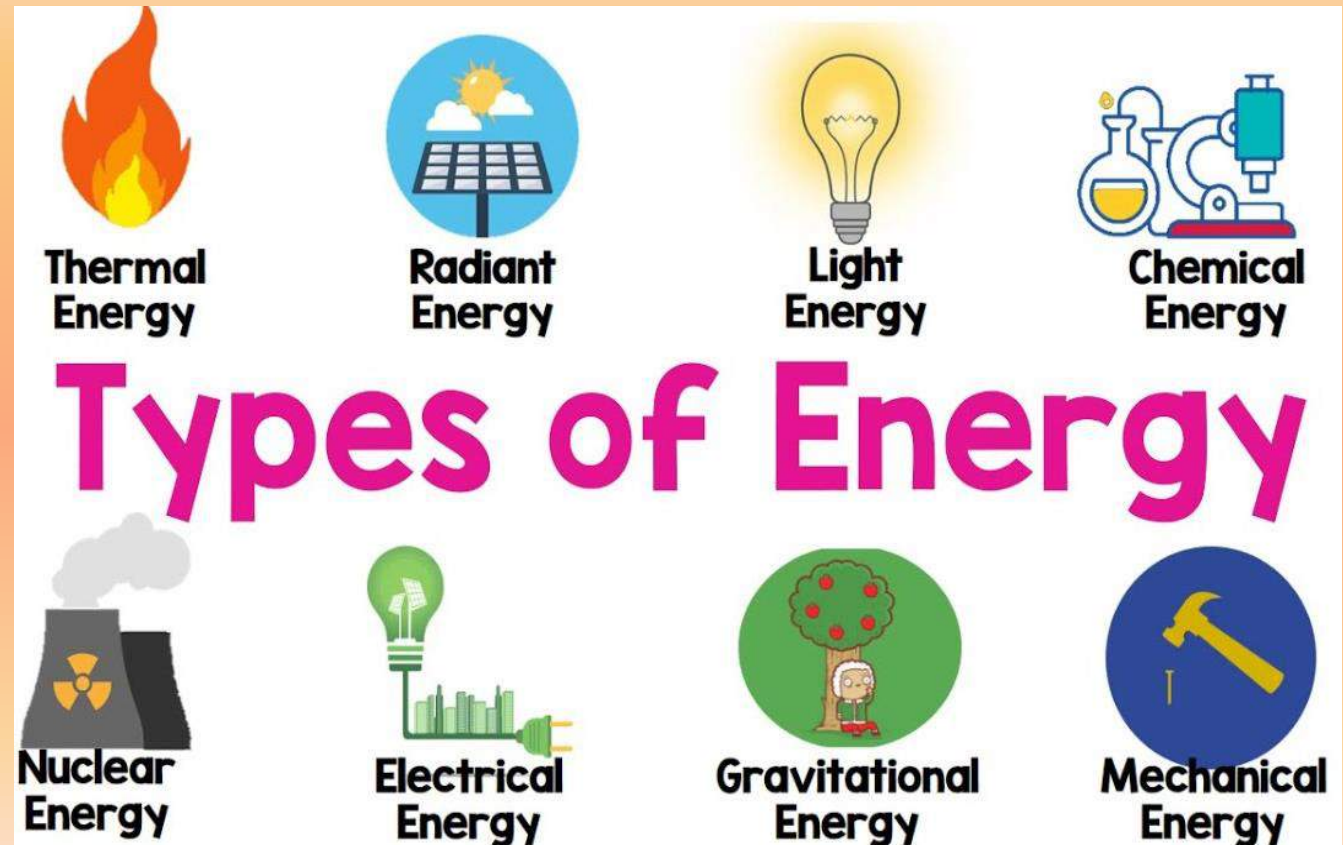
# Month - *July*



## **Lesson :** *Force & Pressure*

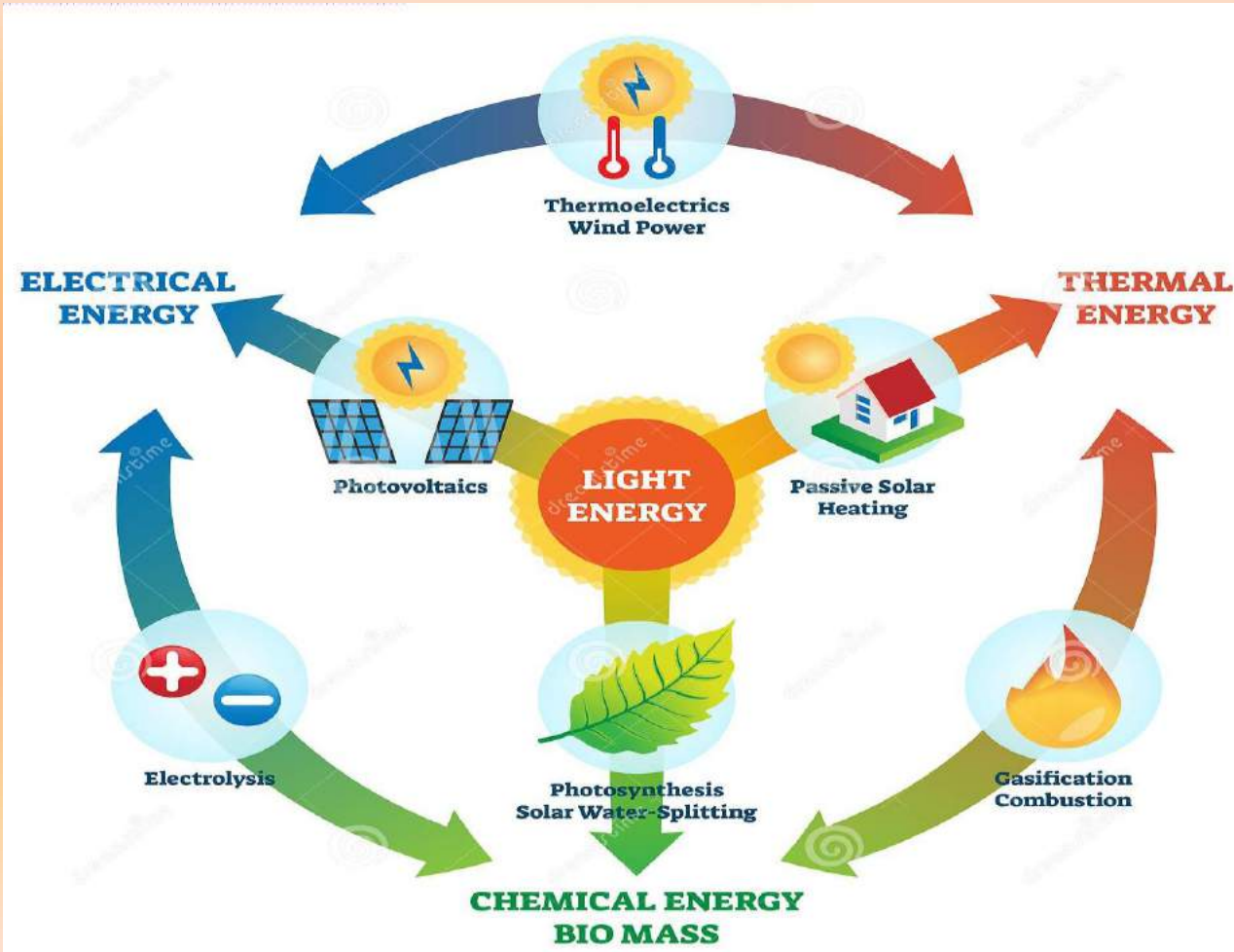
Month - *August*

Lesson :  
*Energy*





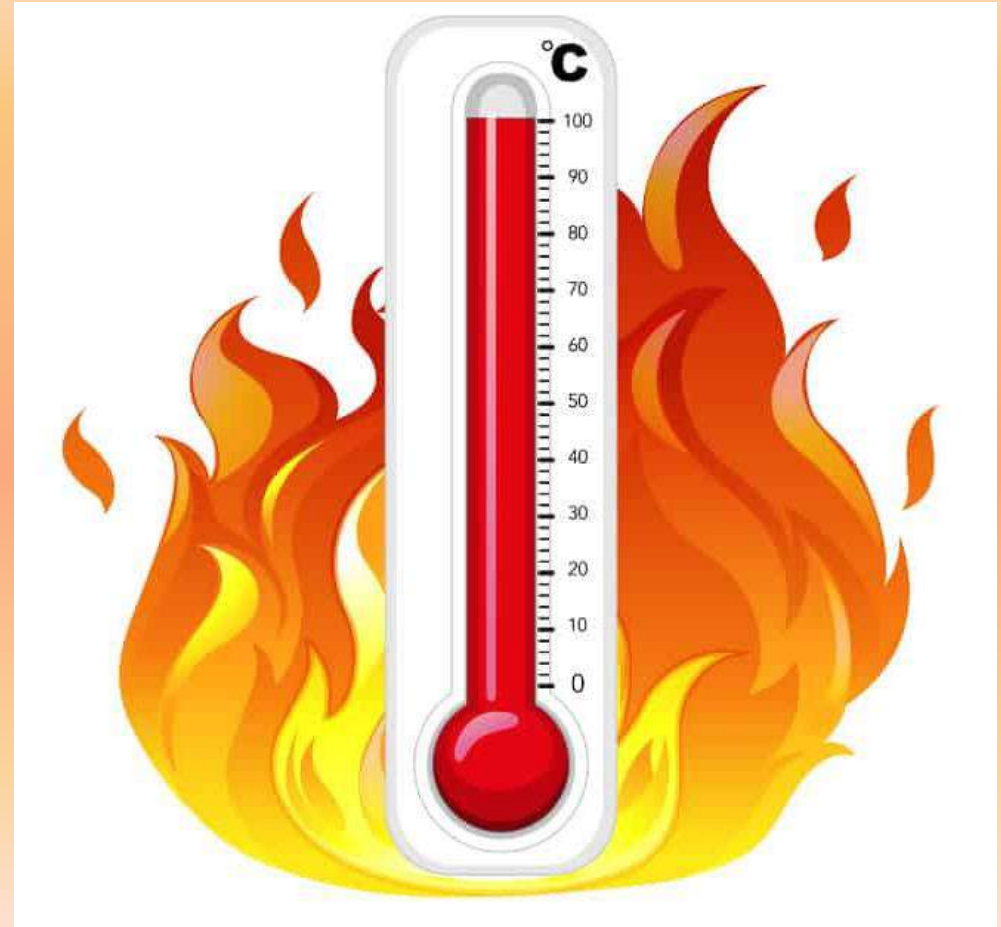
# Month - *September*



**Lesson :**  
*Light Energy*

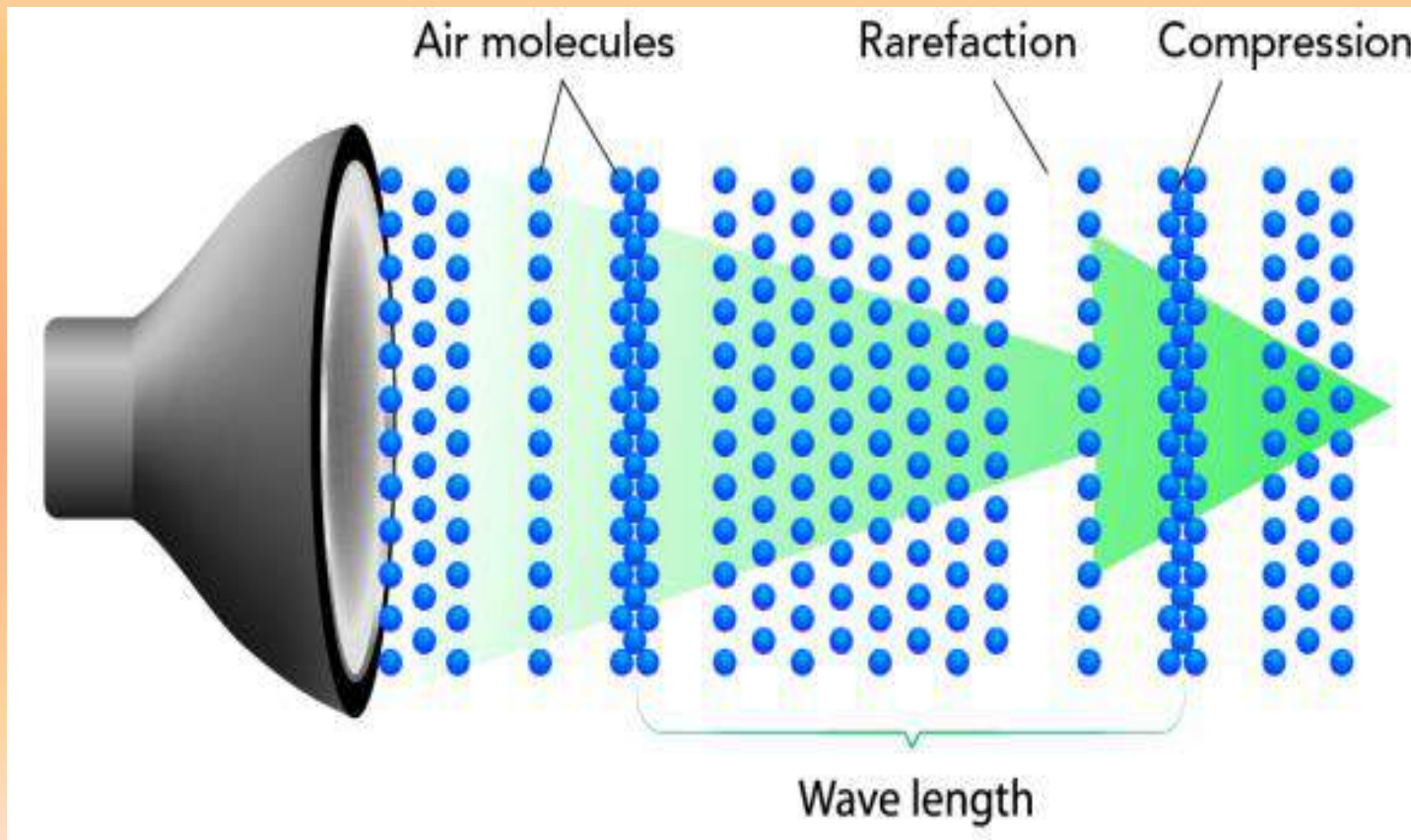
**Month - *Oct / Nov***

**Lesson :**  
*Heat Energy*





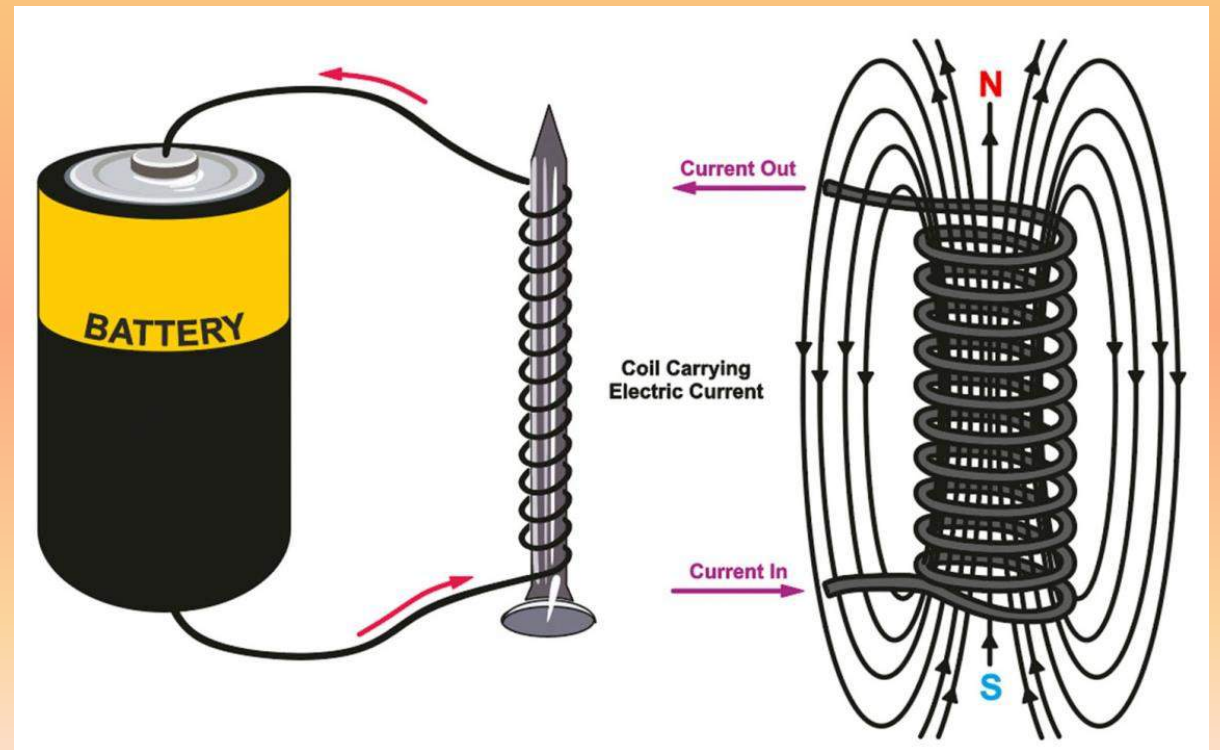
# Month – November



**Lesson :**  
*Sound*

Month - Dec / Jan

Lesson :  
*Electricity*



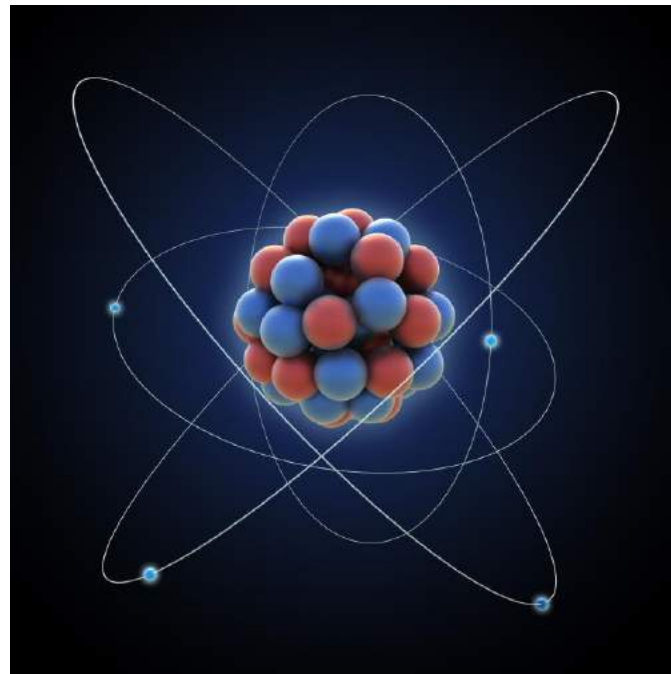


**Thank you**

**Class - VIII**

**Subject - Chemistry**

**Year Plan 2023-24**



# Month - April

## Theme 1 - Matter



### Solid

Stably packed atoms vibrating in place



### Liquid

Atoms slide past each other



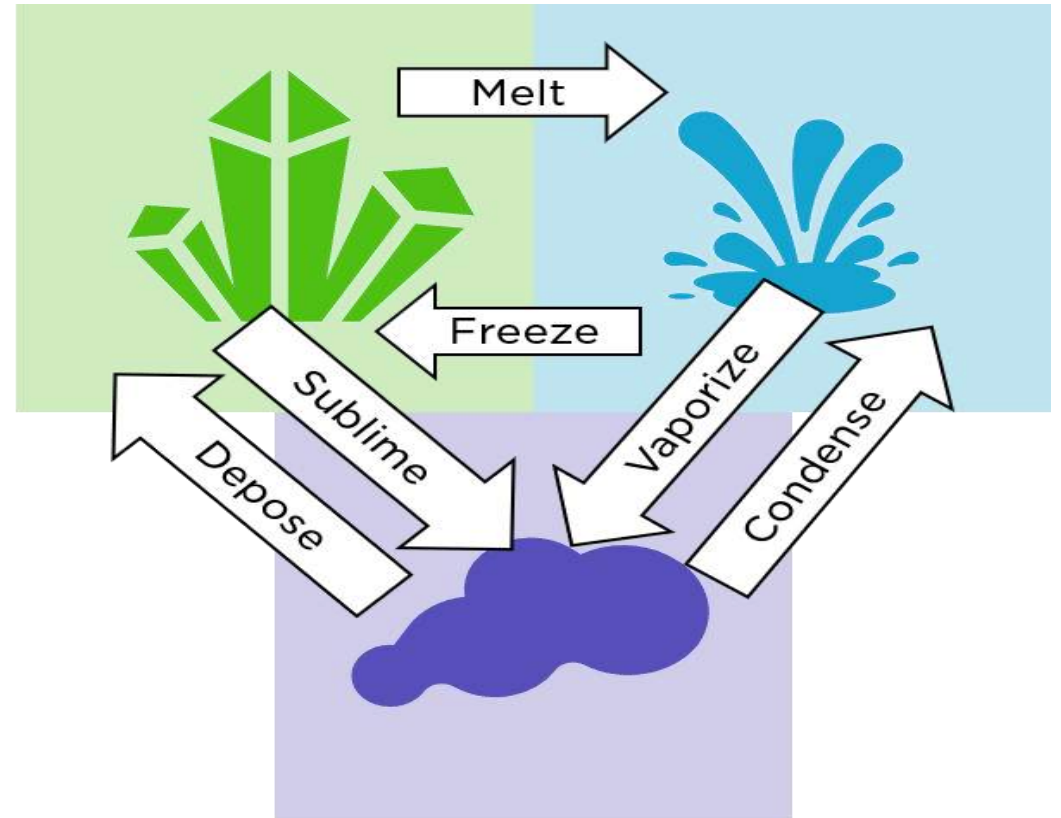
### Gas

High-energy with free-moving atoms



### Plasma

Electrically conductive with no fixed shape or volume



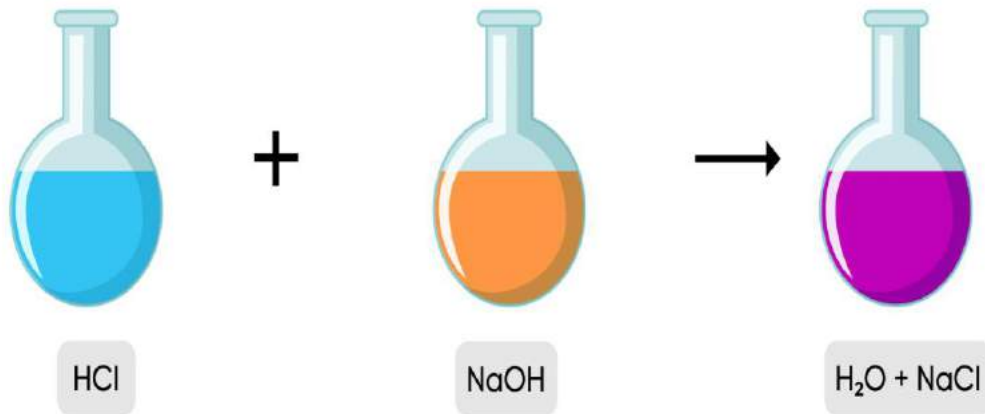


# Month - June

## Theme 1 - Matter (Contd.)

## Theme 2 - Physical And Chemical Changes

### LAW OF CONSERVATION OF MASS

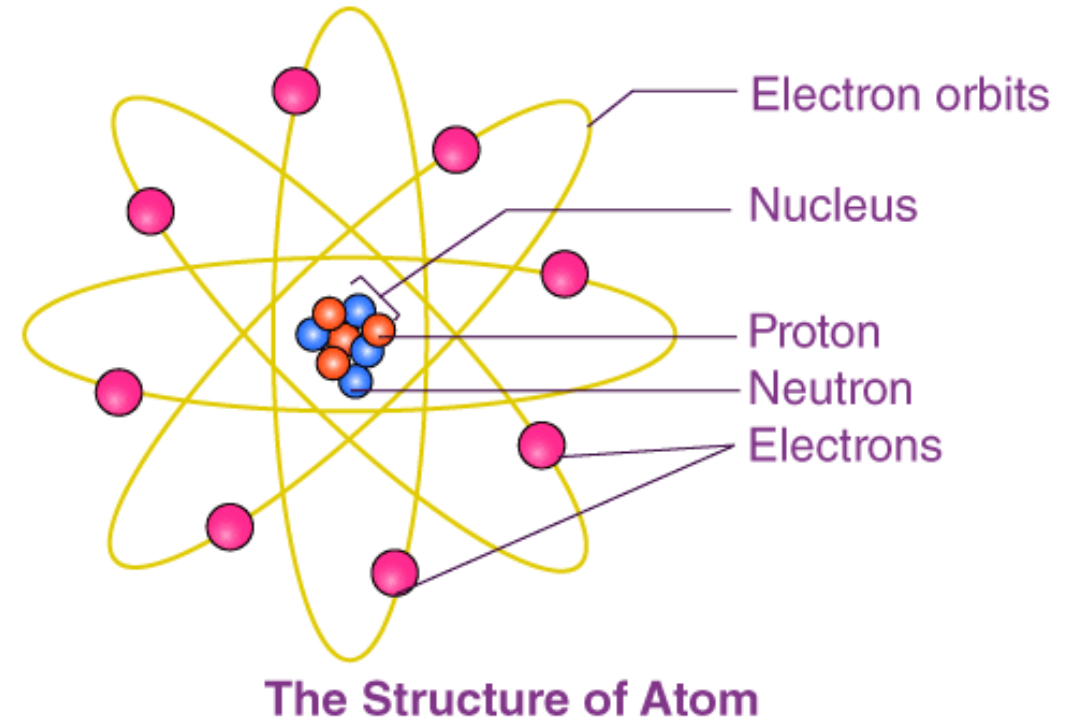
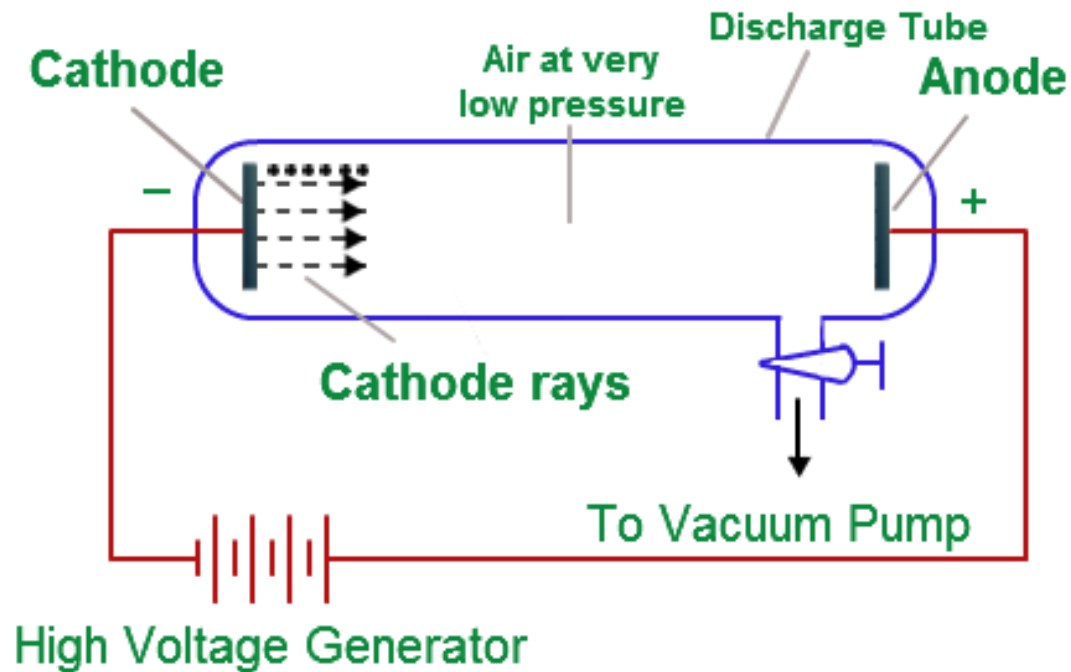


### CHEMICAL CHANGE vs PHYSICAL CHANGE



# Month - July & August

## Theme 4 - Atomic Structure



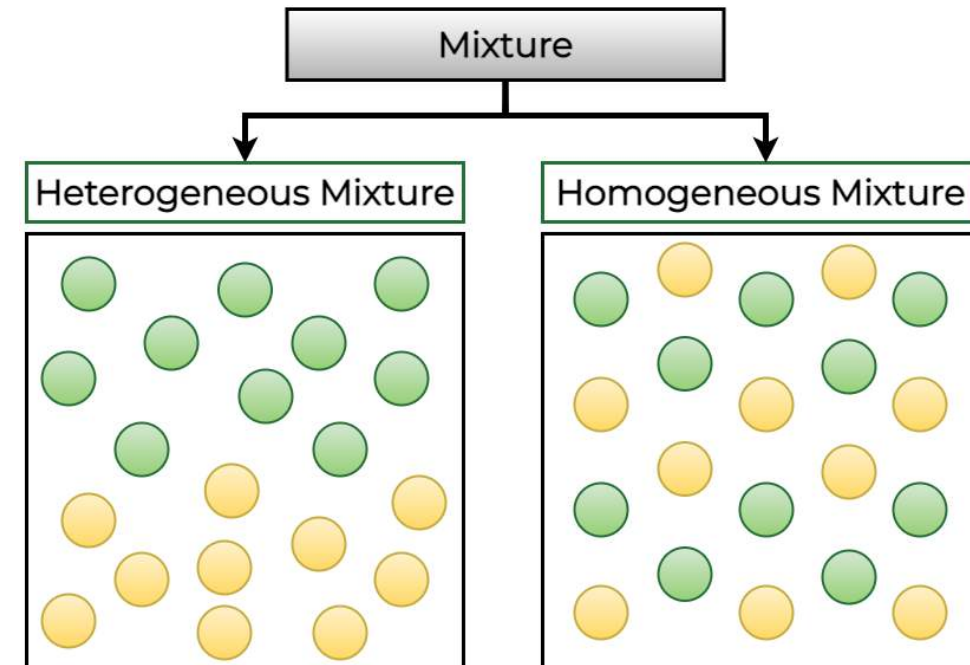
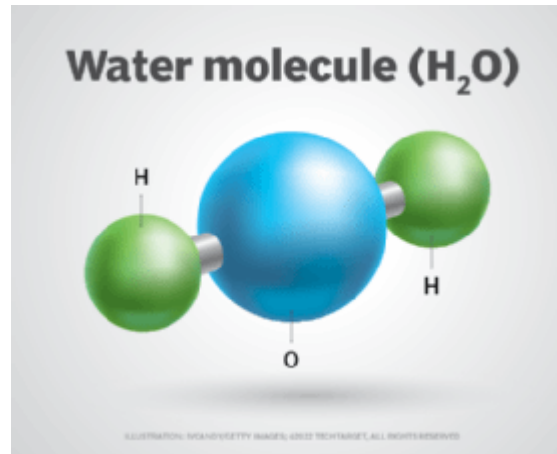
# Month - August & September

## Theme 3 - Elements Compounds And Mixtures

### What Is an Element?

An element is a pure substance in which all atoms have the same number of protons.

The periodic table shows elements arranged by atomic number and grouped into columns. Key series are labeled: Lanthanide Series (elements 57-71) and Actinide Series (elements 89-103).

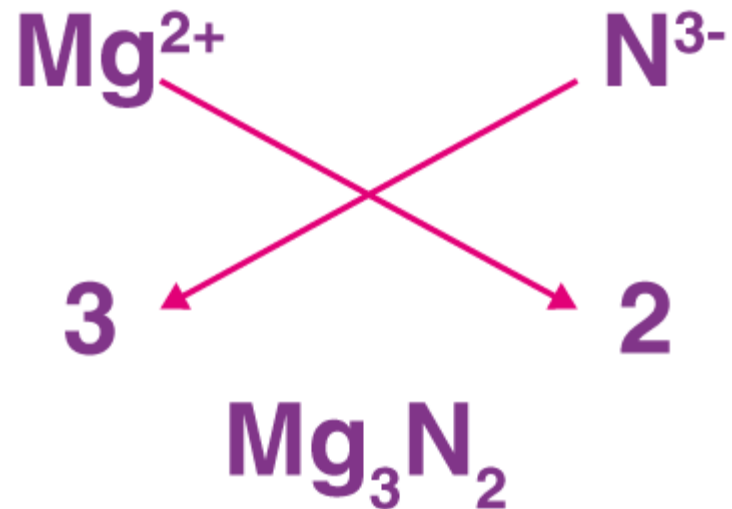




# Month - September

## Theme 5 - Language Of Chemistry

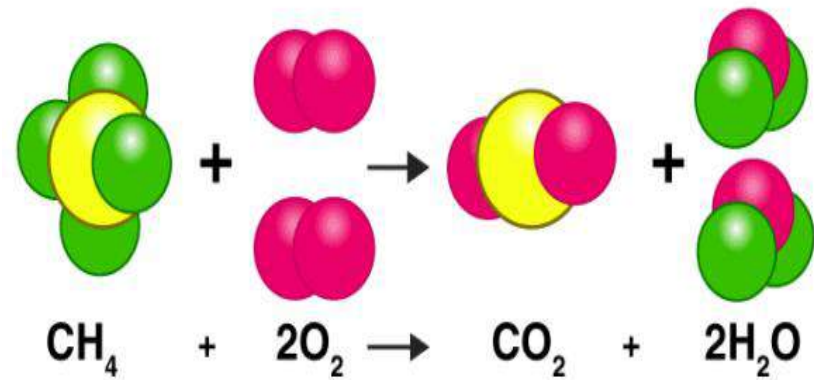
Magnesium Nitride



	Before	After
P	4	1(4) = 4
O	10+1(6) = 16	4(4) = 16
H	2(6) = 12	3(4) = 12

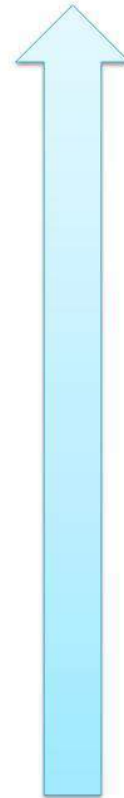
# Month - October & November

## Theme 6 - Chemical Reactions



### Metals

Potassium  
Sodium  
Lithium  
Barium  
Strontium  
Calcium  
Magnesium  
Zinc  
Chromium  
Iron  
Cadmium  
Cobalt  
Nickel  
Tin  
Lead  
Hydrogen  
Antimony  
Bismuth  
Copper  
Mercury  
Silver  
Gold  
Platinum



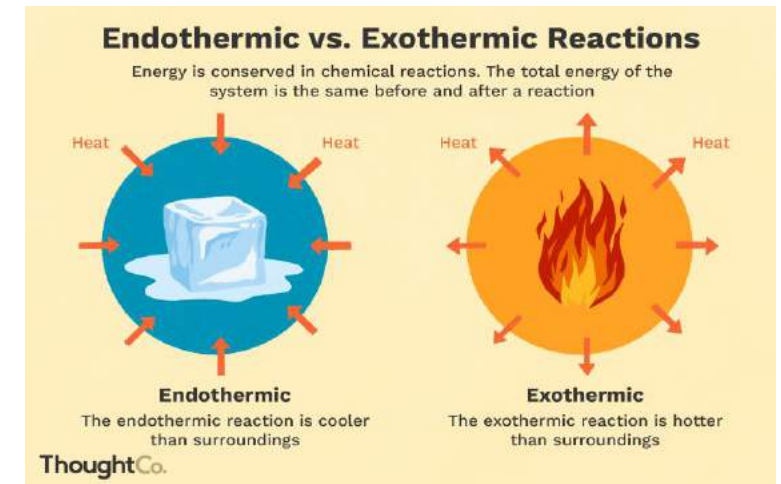
Highly Reactive

Moderately Reactive

Least Reactive

### Endothermic vs. Exothermic Reactions

Energy is conserved in chemical reactions. The total energy of the system is the same before and after a reaction



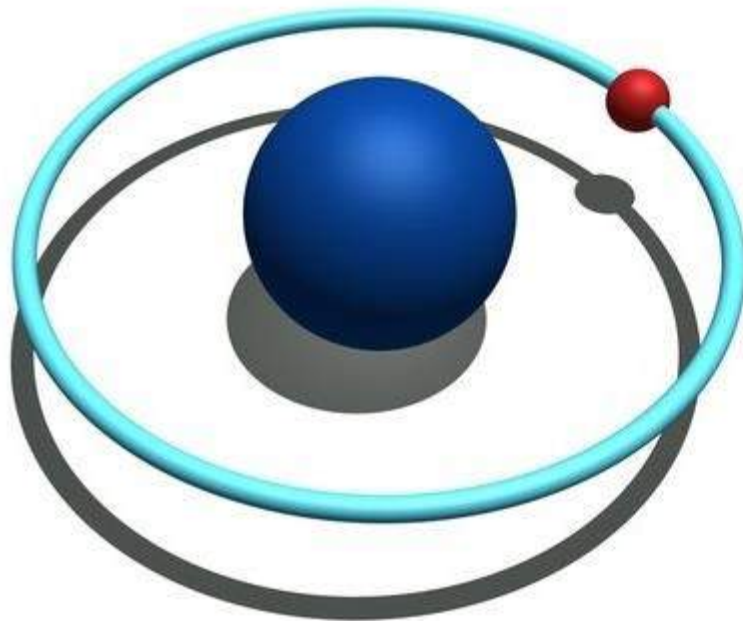
**Endothermic**  
The endothermic reaction is cooler than surroundings

**Exothermic**  
The exothermic reaction is hotter than surroundings

ThoughtCo.

# Month - November

## Theme 7 - Hydrogen

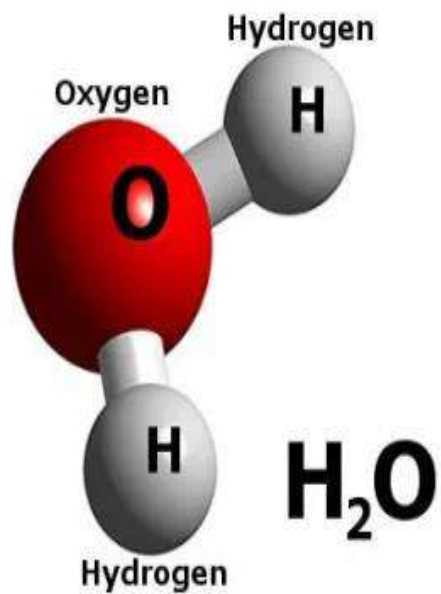
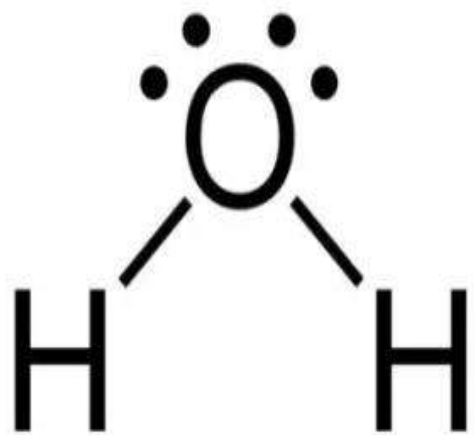




**Month – December**  
**Revision for UT 2**

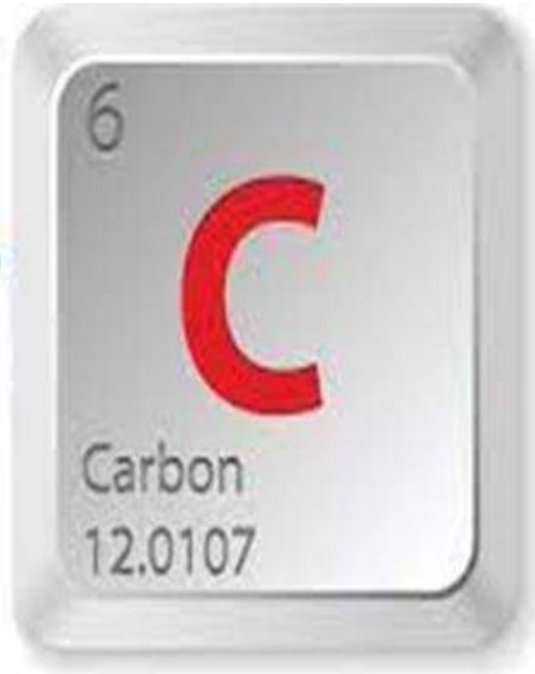
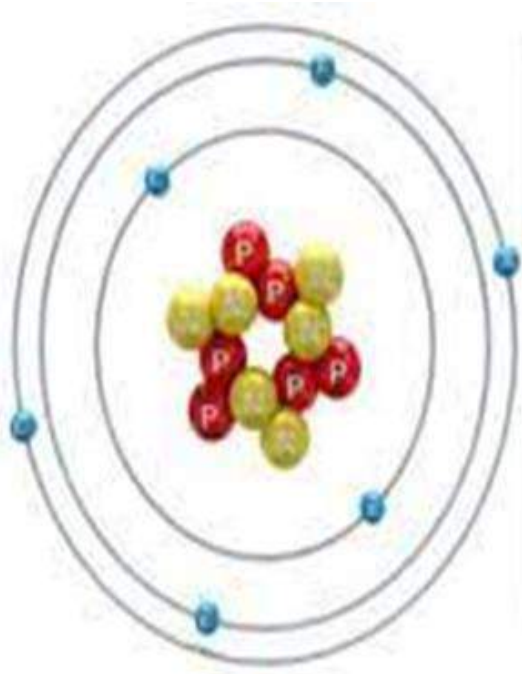
# Month - January

## Theme 8 - Water

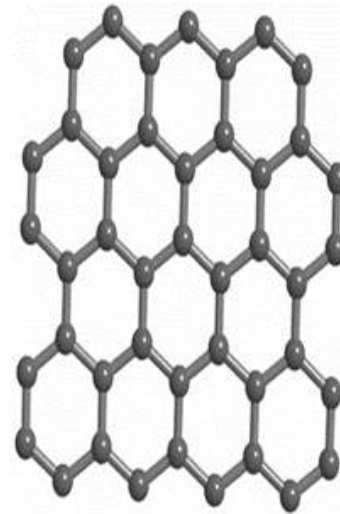


# Month – January & February

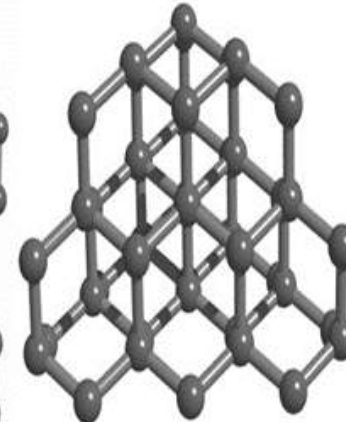
## Theme 9 – Carbon & Its Compounds



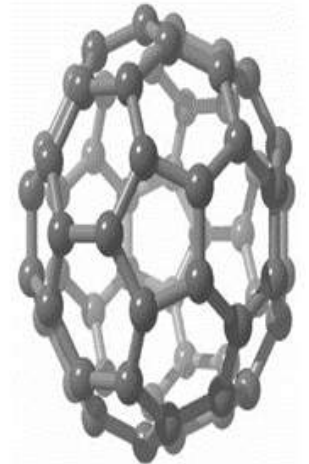
Graphite



Diamond

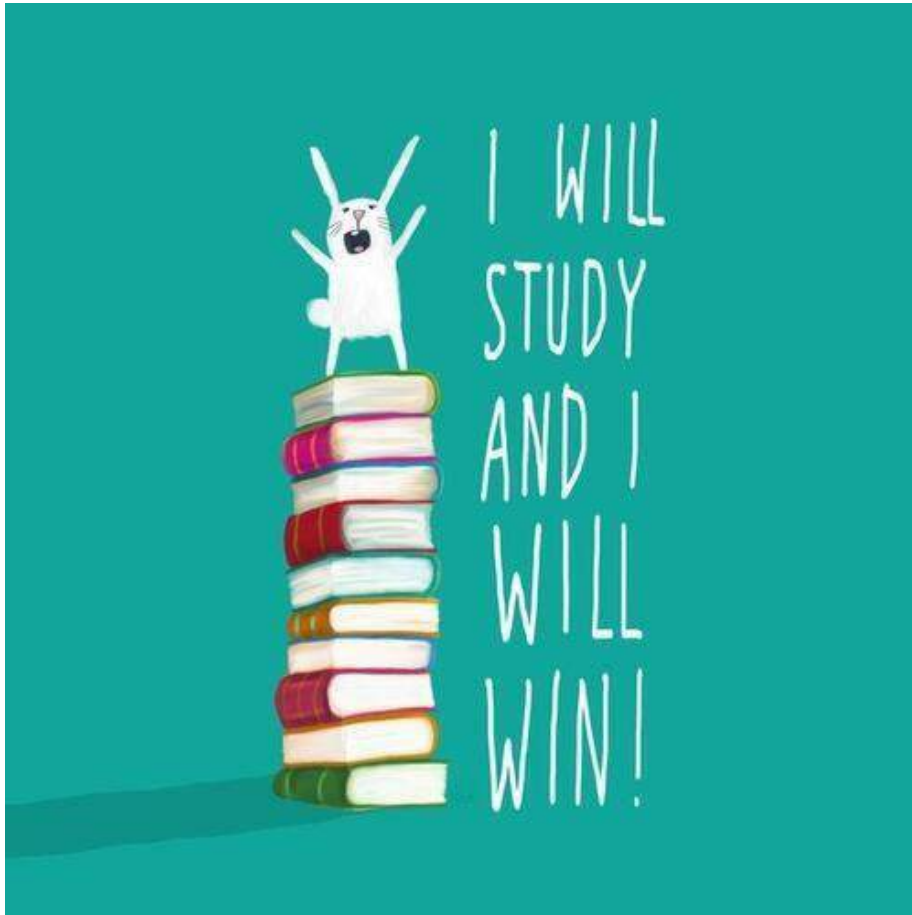


Fullerenes





# February Onwards **REVISION**





**THANK YOU**  
GOD BLESS YOU

**Chemistry department  
St. Patrick's High School (ICSE)  
Secunderabad  
6<sup>th</sup> June 2023**



# BIOLOGY

## CLASS-VIII

---

SYLLABUS FOR THE ACADEMIC  
YEAR – 2023-2024



## CLASS - VIII BIOLOGY YEARLY PLAN 2023 - 2024

MONTH	MONTHLY-WISE LESSONS
MARCH APRIL	<b>Unit-1 Transport in Plants</b> 1 - Transport in Plants
JUNE	<b>Unit-2 Life Processes</b> Ch. 2 – Reproduction in Plants Ch. 3 – Reproduction in Humans
JULY	<b>Unit-3 Ecosystems</b> Ch. 4 – Ecosystems <b>Unit-4 Human Body</b> Ch. 5 – Endocrine System and Adolescence
AUGUST	Ch. 6 – The Circulatory System
SEPTEMBER	Ch. 7 – Nervous System <b>Revision for Quarterly Examination</b>

## CLASS - VIII BIOLOGY YEARLY PLAN 2023 - 2024

MONTH	MONTHLY-WISE LESSONS
OCTOBER	<b>Unit-5 Health and Hygiene</b> Ch. 8 – Diseases and First Aid
NOVEMBER DECEMBER	<b>Unit-6 Food Production</b> Ch. 9 – Food Production
JANUARY	<b>Revision for Annual Examination</b>
FEBRUARY	<b>Revision for Annual Examination</b>

# APRIL

## Theme-1. Representation of Geographical features.

- Grid
- Types of toposheets
- Relief features on a toposheet
- Representation of landforms using contours
- How to draw a cross section from a contour map
- Representation of settlement patterns on a toposheet
- Interpreting a toposheet





# JUNE

## Theme-2. Population Dynamics

- ❖ Pattern of distribution of population.
- ❖ Population density
- ❖ Factors effecting the distribution of population
- ❖ Population growth, population composition
- ❖ Population pyramid



### World Population



# JULY

## Theme-3 Migration

- Meaning and different types of Migration
- Causes and impact
- Brain Drain



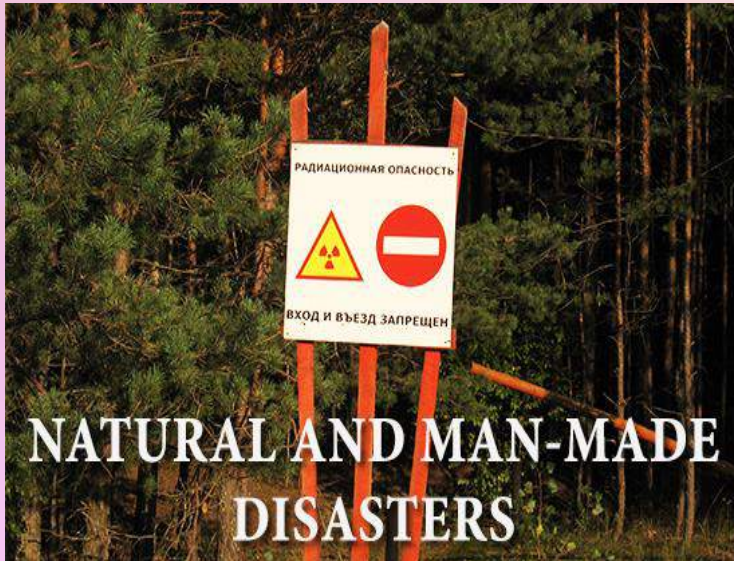
# AUGUST

## Theme - 4 Urbanisation

- ✓ Meaning of urbanisation
- ✓ Causes and impact of urbanisation
- ✓ Satellites and smart cities



## Theme – 5 Disasters and Disaster Management



- ✓ Natural disaster
- ✓ Human – made disasters
- ✓ Disaster management



# SEPTEMBER / OCTOBER

## Theme - 6 Asia – The Largest Continent

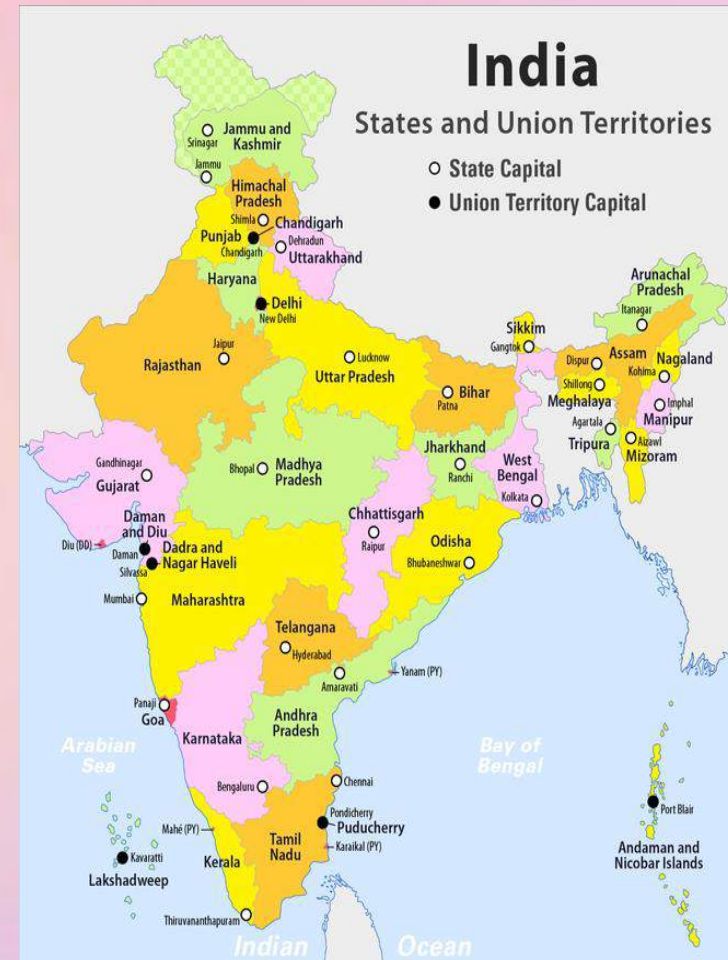


- ❖ Location
- ❖ Regional divisions
- ❖ Important cities
- ❖ Physical and Political divisions
- ❖ Climate
- ❖ Wildlife

# NOVEMBER / DECEMBER

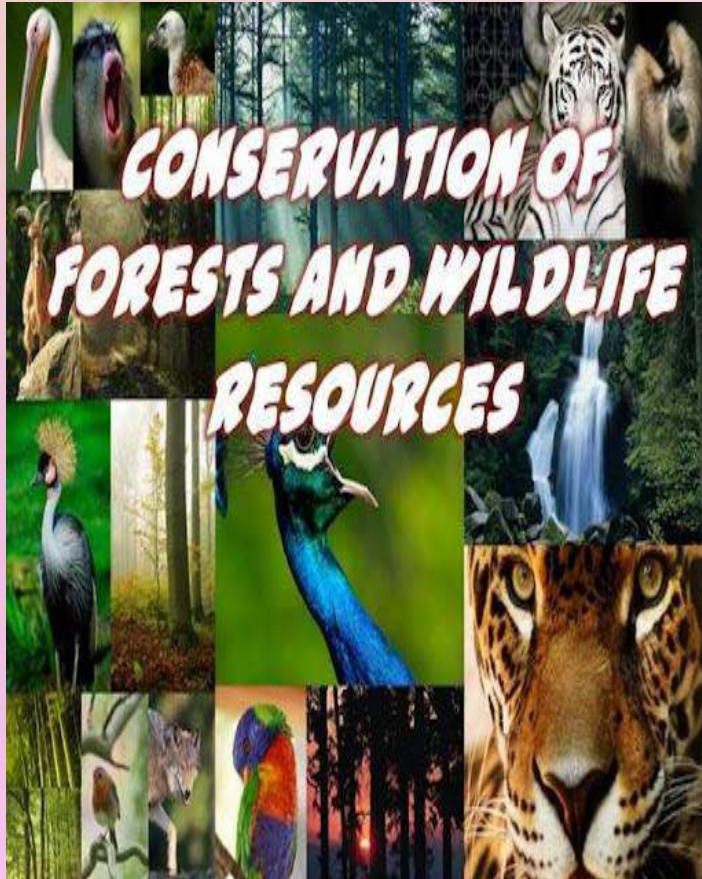
## Theme – 7 India – Location , Political and Physical

- Location and extent of India
- India's neighbours
- Political division
- Physical features



# JANUARY

## Theme – 8 India – Climate, Vegetation and Wildlife



- Factors that affect the climate of India
- Seasons in India
- Types of vegetation
- Wildlife sanctuaries, National Parks and
- Biosphere reserves



# FEBRUARY

## Theme - 9 India - Human Resources

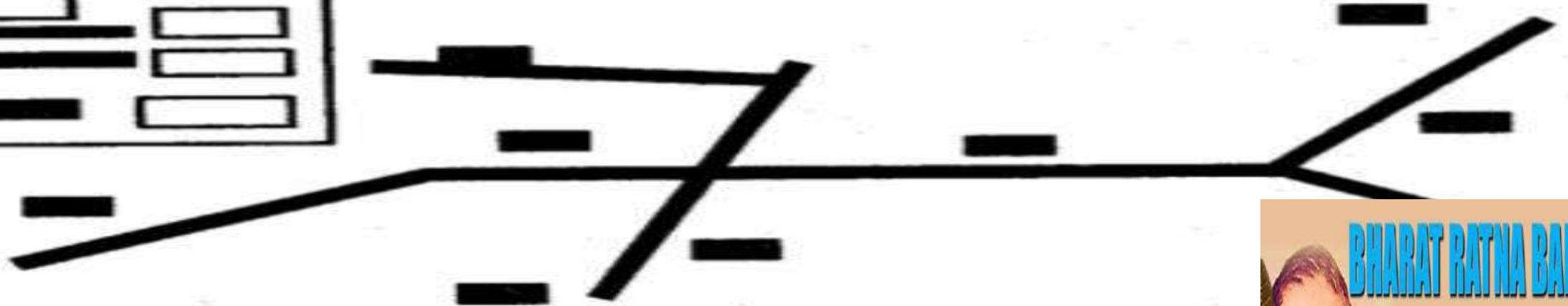
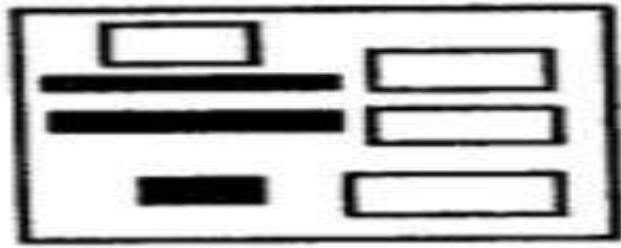
- ❖ The importance of Human Resource
- ❖ Distribution of population in India
- ❖ Factor affecting the population
- ❖ The role health and education in the development of human resources



THANK YOU!







A scattered settlement



# CLASS 8 GEOGRAPHY HISTORY AND CIVICS MONTHLY WISE PLAN

**BHARAT RATNA BABASAHE**  
**DR. BHIMRAO AMBEDKAR**  
14 Apr 1891 – 6 Dec 1956

Indian jurist, economist, politician & social reformer. Principal architect of the Constitution of India.

Reserve Bank of India (RBI), was based on the ideas that Ambedkar presented to the Hilton Young Commission. Inspired Modern Buddhist Movement and campaign against social discrimination of Dalits, women & labour.

Independent India's first law minister.

"Life Should be Great Rather than Long"

"I like the religion that teaches liberty, equality and fraternity"

Dr. Ambedkar



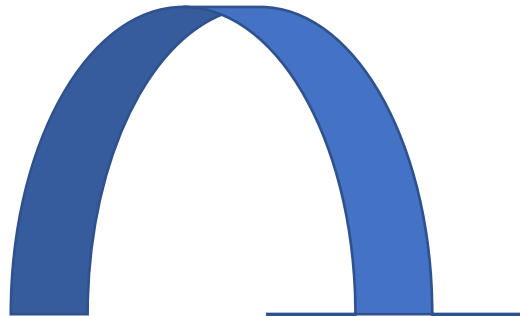
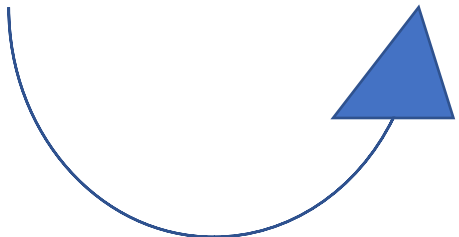
# GEOGRAPHY CLASS 8<sup>TH</sup> MONTHLY PLAN





*March AND April PORTION*

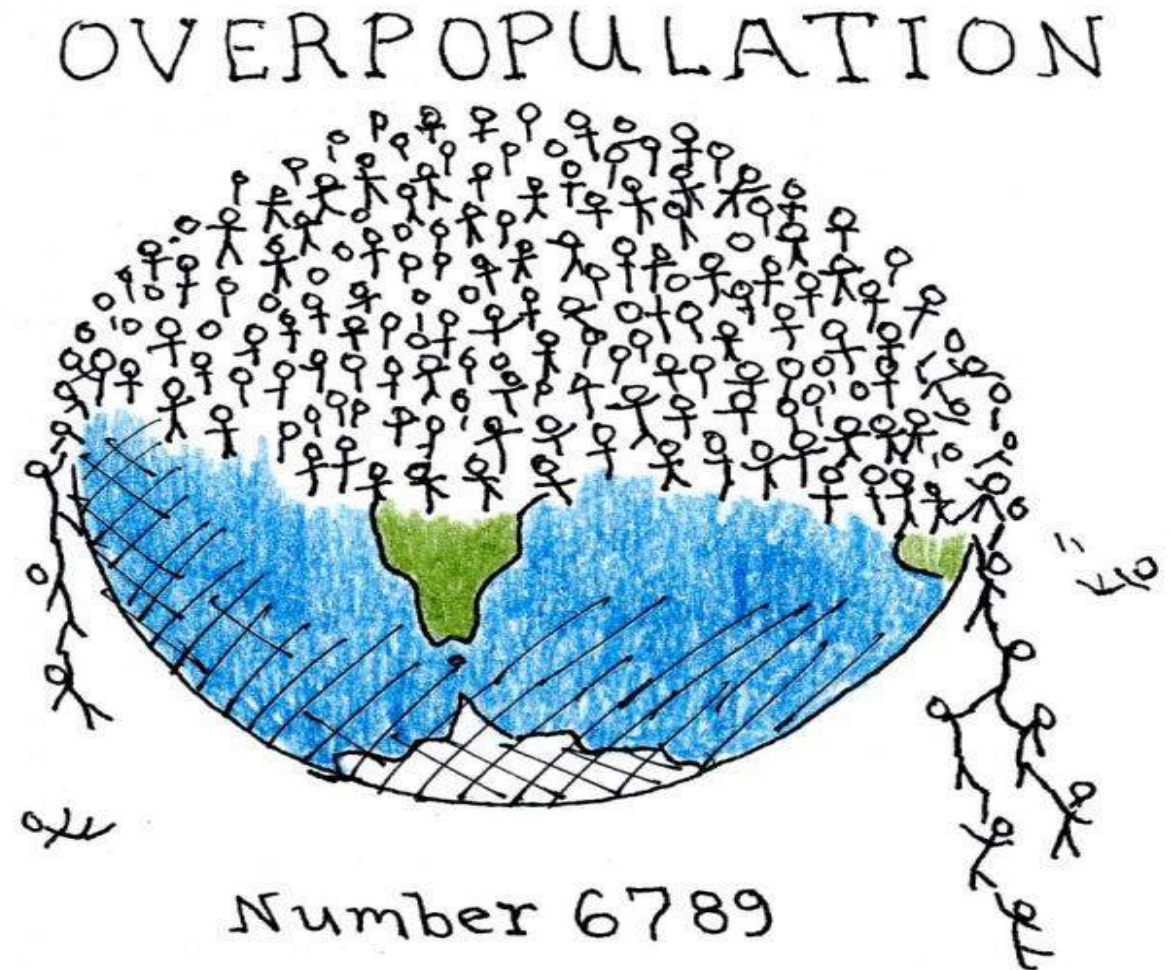
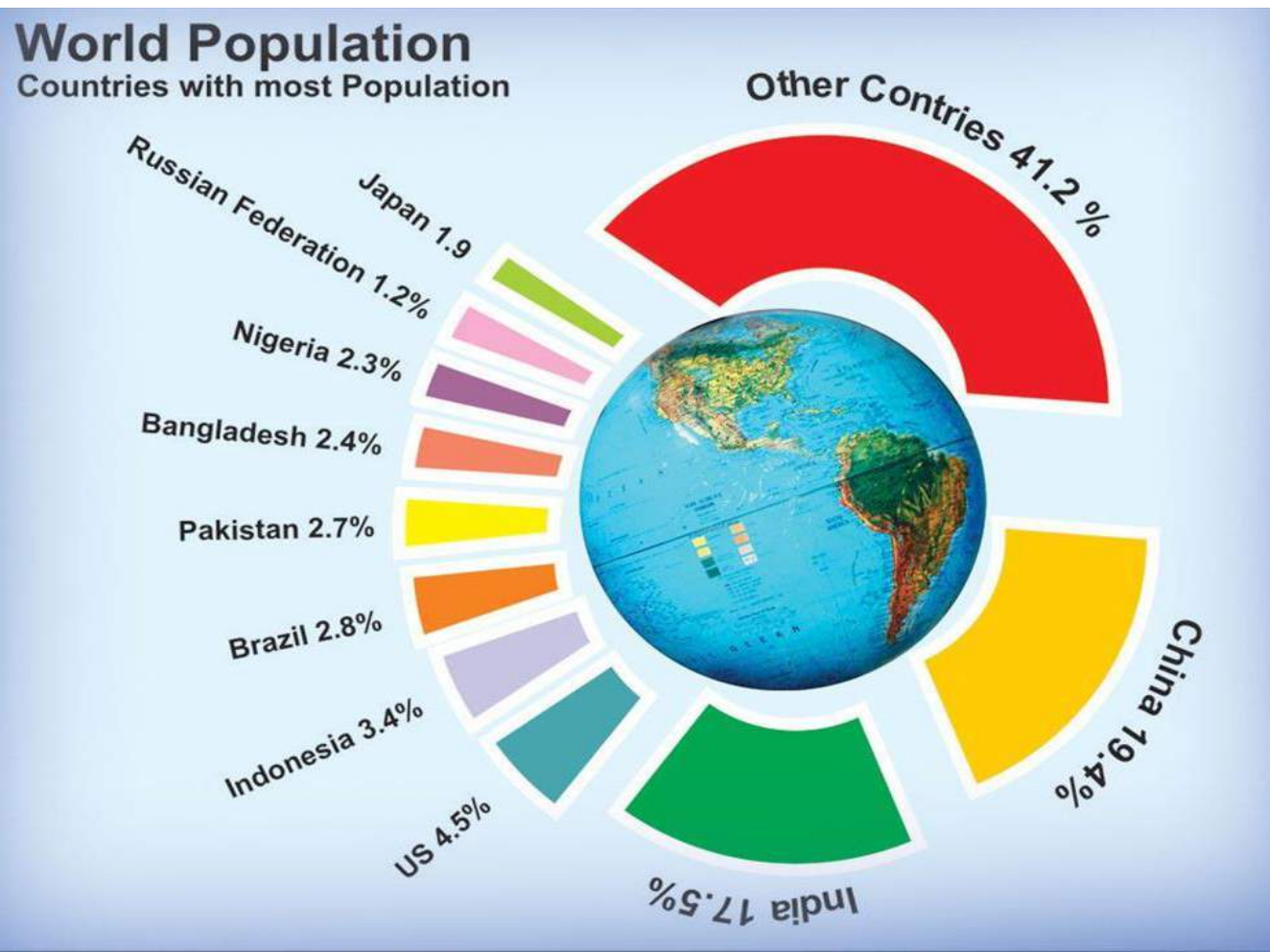
*TOPOGRAPHICAL  
FEATURES*





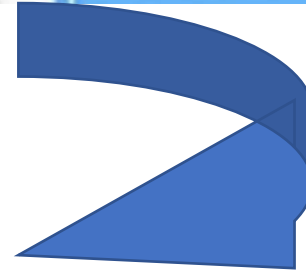
# JUNE AND JULY PORTION

- POPULATION DYNAMICS
- MIGRATION





# *AUGUST ARRIVES AND WE CELEBRATE INDEPENDENCE DAY*



***MIGRATION***



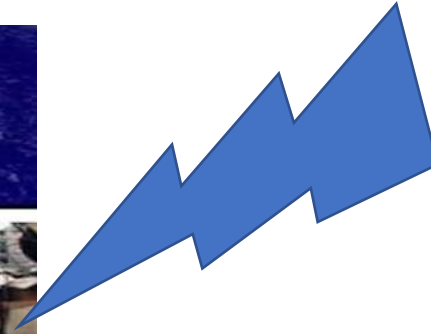
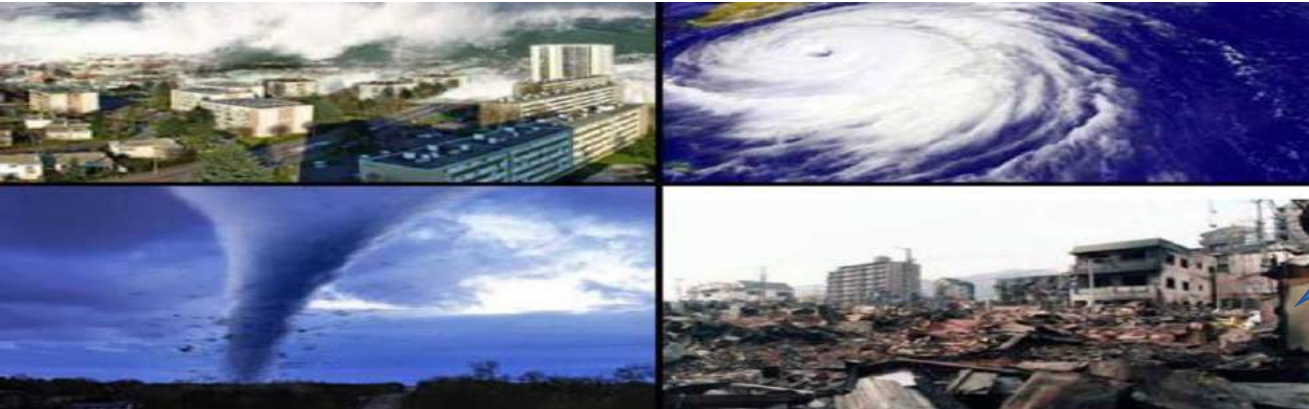
***URBANISATION***



# SEPTEMBER PORTION AND EXAM TIME



## NATURAL AND MAN-MADE DISASTERS



**ASIA : THE LARGEST CONTINENT**

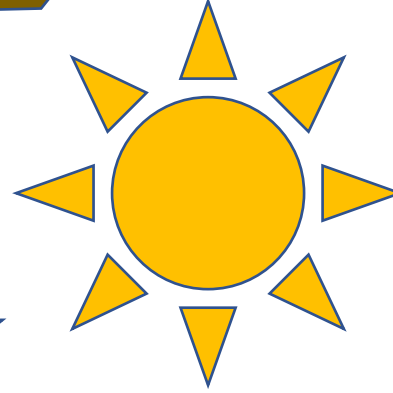
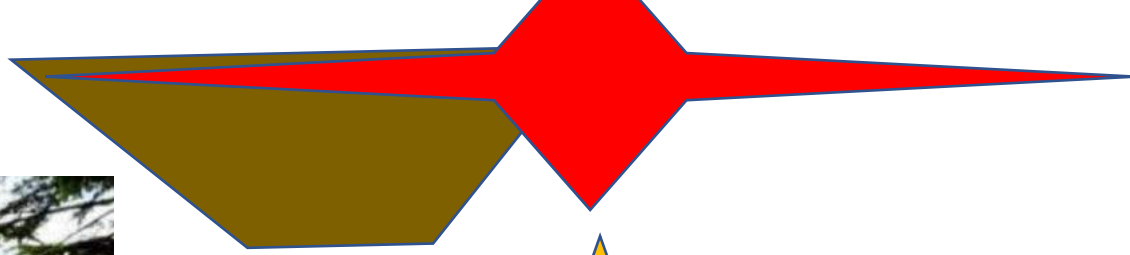




# OCTOBER PORTION

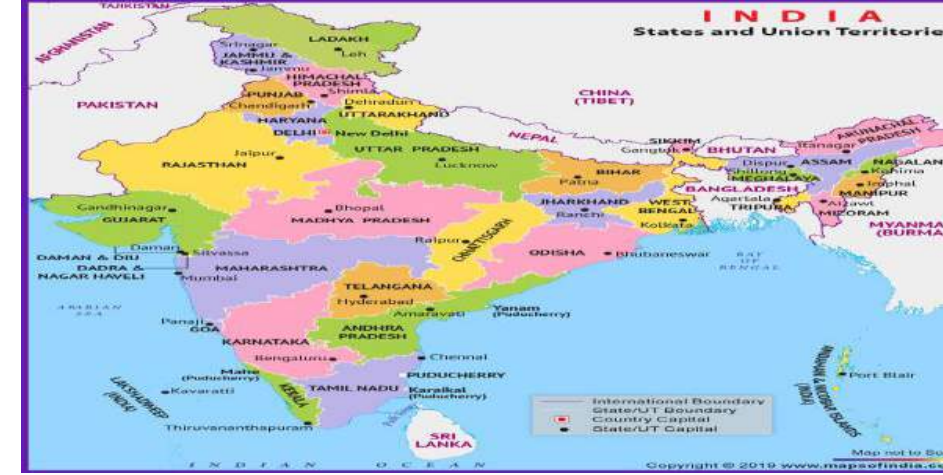


ASIA  
CLIMATE,  
NATURAL  
VEGETATION  
AND  
WILDLIFE



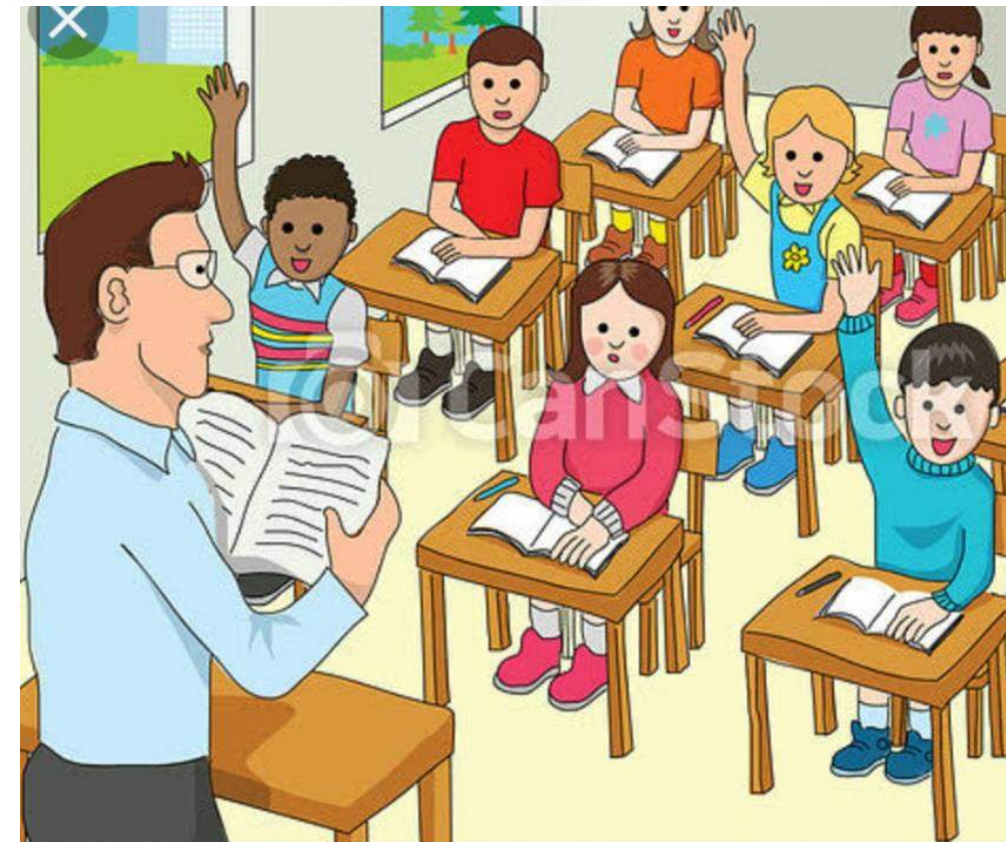


# NOVEMBER AND DECEMBER



## INDIA: GEOGRAPHICAL FEATURES

## INDIA: CLIMATE, FLORA AND FAUNA





# JANUARY AND FEBRUARY PORTION

## INDIA HUMAN RESOURCES



## HR DEVELOPMENT IN INDIA



# HISTORY CLASS 8<sup>TH</sup> MONTH – WISE PORTION





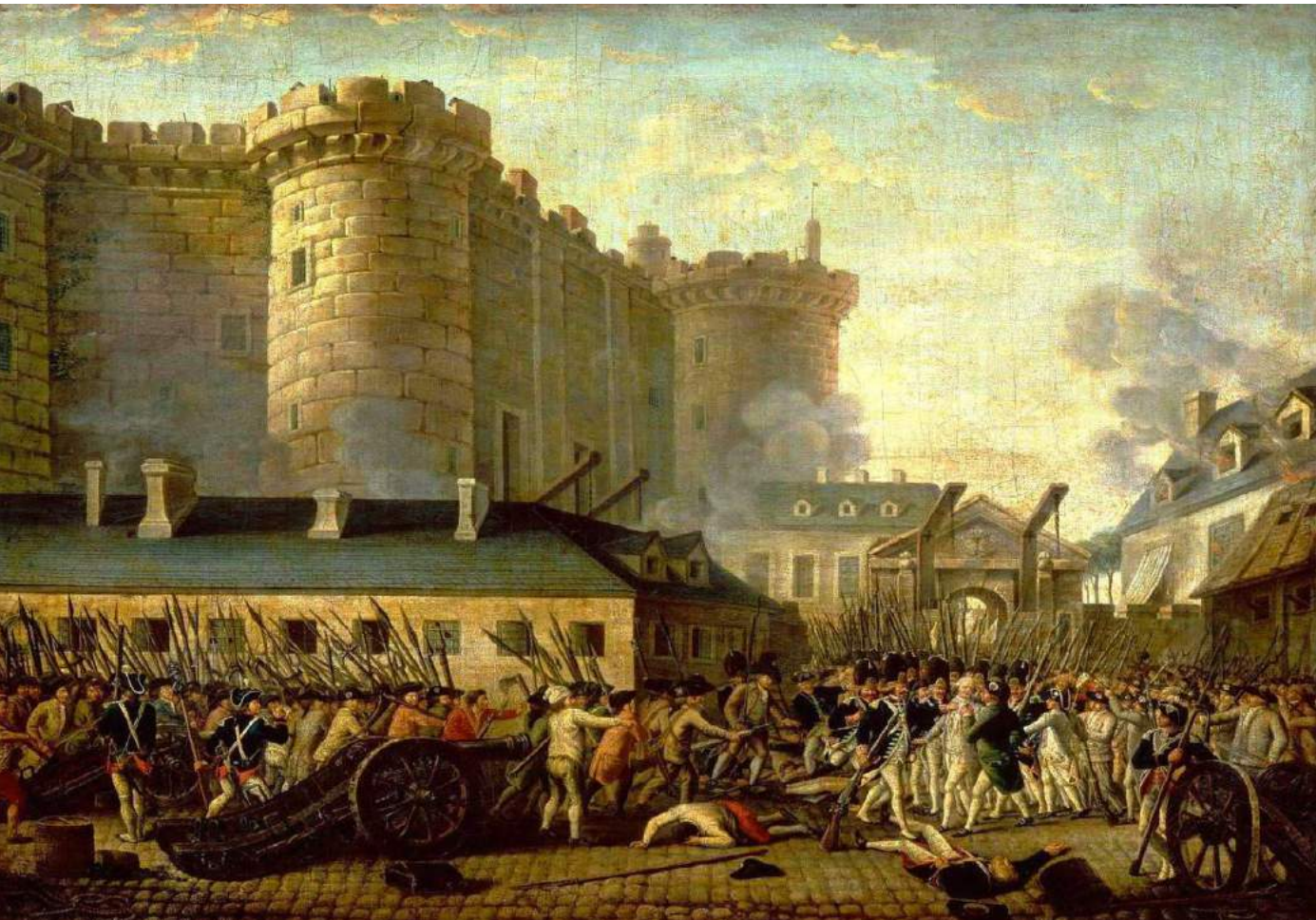
# TRANSITION PERIOD: RENAISSANCE : MARCH & APRIL

## CENTRAL LEGISLATURE - II INF





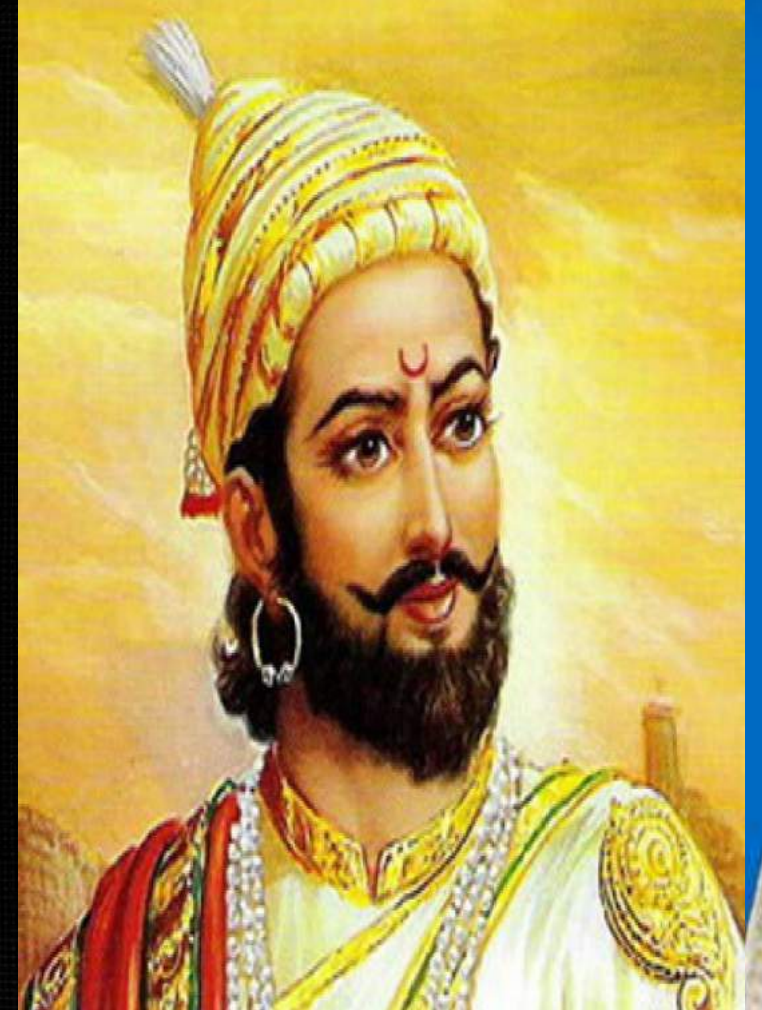
*GROWTH OF NATIONALISM. UT:1  
AMERICAN AND FRENCH REVOLUTION :CIVILWAR  
IN AMERICA : JUNE& JULY PORTION*







**AUGUST PORTION:INDIA  
IN  
18th century.  
TRADERS TO RULERS**







# BRITISH POLICIES AND IMPACT. THE UNION EXECUTIVE OF INDIA: SEPTEMBER



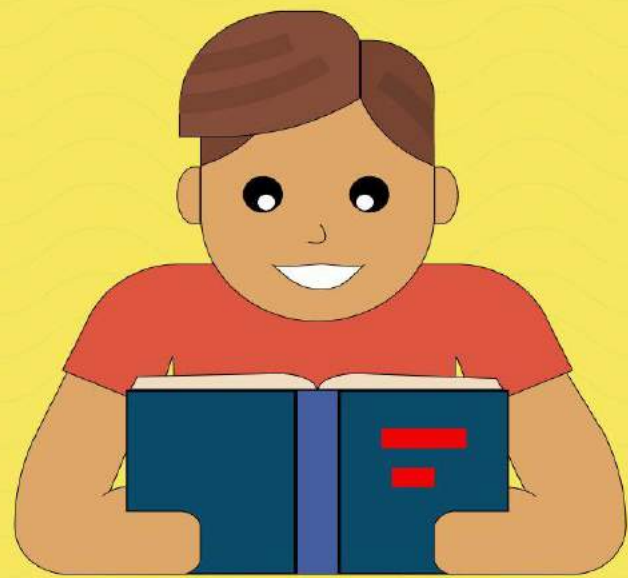
A Little Support  
Can Go A Very Long  
Way in Someone's Life

—  
Just Be Good

# 2023

## OCTOBER

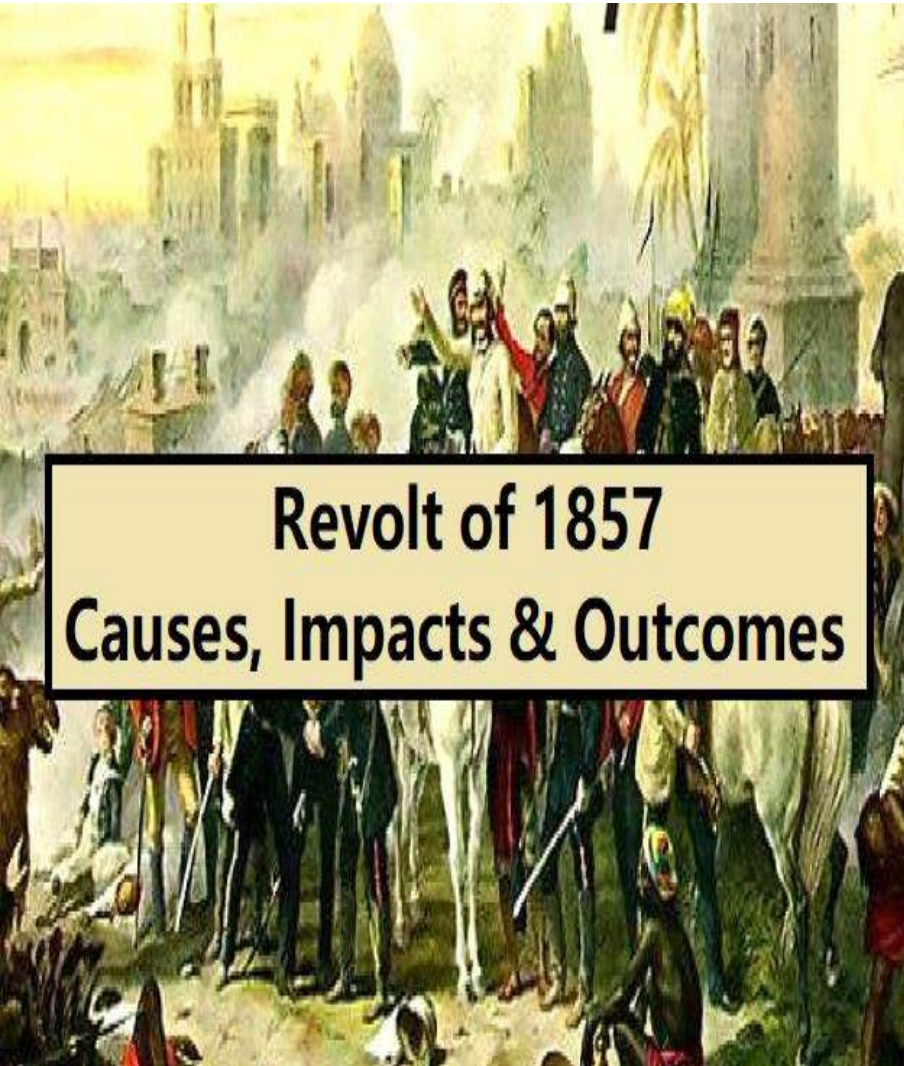
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				





# THE GREAT UPRISING:1857

## SOCIO-RELIGIOUS REFORMS : NOVEMBER



Socio Religious Reform Movements

சமூக மற்றும் சமய சீர்திருத்த இயக்கங்கள்





ISM

**THE STRUGGLE FOR FREEDOM  
PHASE; 1**

**INDIAN NATIONAL CONGRESS Formation**



ONE OF THE FOUNDERS OF THE INDIAN NATIONAL CONGRESS AND A CIVIL SERVANT,  
**ALLAN OCTAVIAN HUME** WAS BORN ON JUNE 6, 1829

**FATHER OF THE INDIAN NATIONAL CONGRESS**

A leading spirit behind the founding of the Indian National Congress, he wanted to provide Indians a **democratic, representational government**

Was **one of the convenors of the first session of the INC** at Bombay in 1885 & served as **GENERAL SECRETARY** for the first 22 years

**He was bold in questioning British policies in India**

As an administrator, **introduced free open school education** and a juvenile reformatory in Etawah, Uttar Pradesh

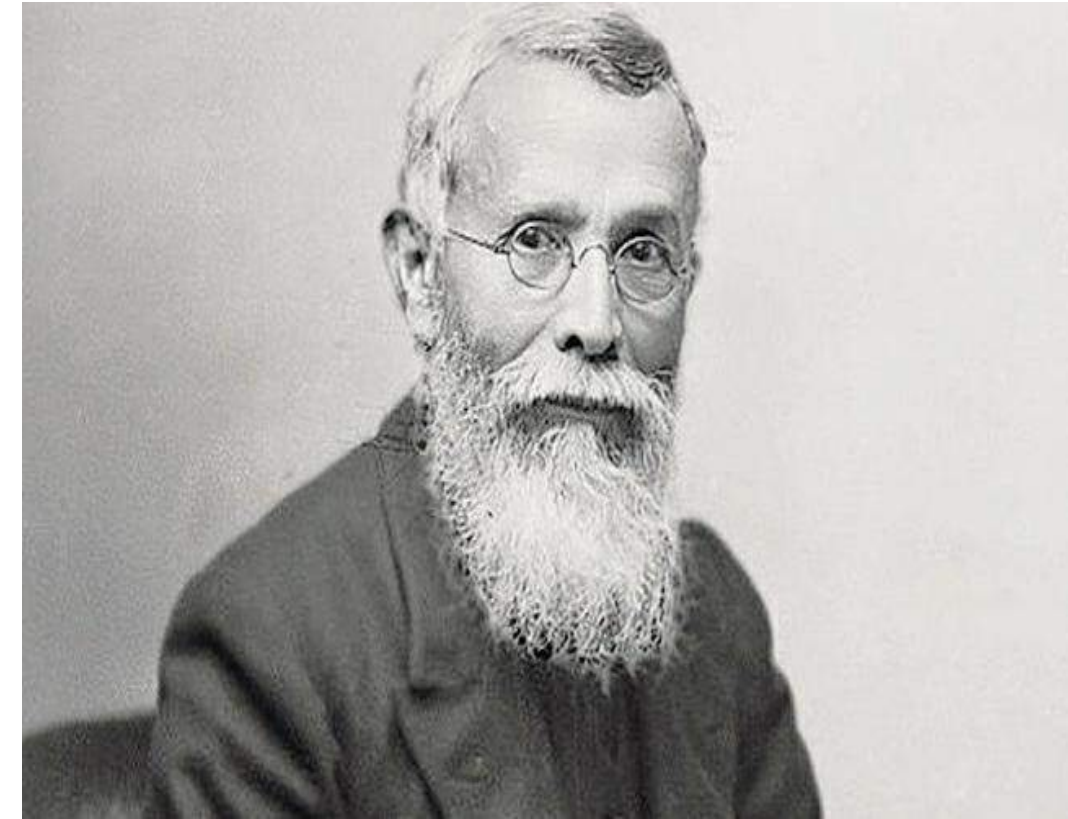
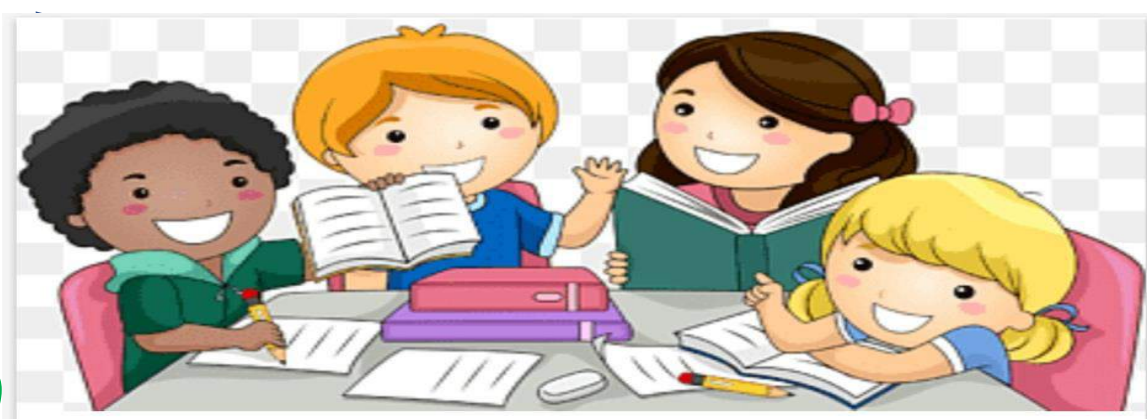


Was also known as 'Father of Ornithology' due to his keen interest in birds

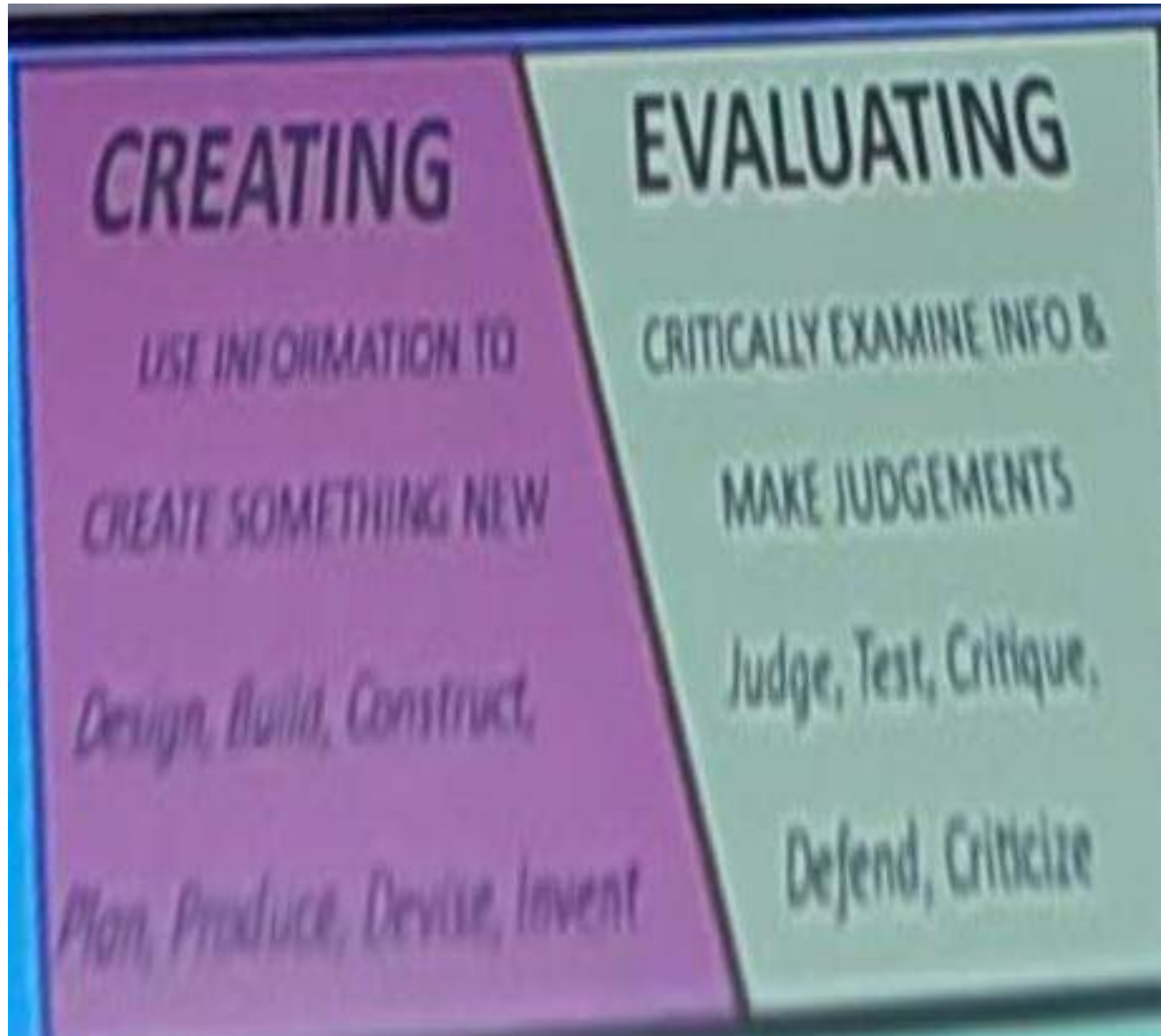




*DECEMBER PORTION  
INDIA 'S STRUGGLE FOR FREEDOM...  
2 PHASE . UT;2*



**UNIT TEST 2**  
**DECEMBER**  
**PORTION**  
**LESSON 6 AND 7**  
**JUDUCIARY**





# FREEDOM STRUGGLE; JANUARY



# UNITED NATIONS : *FEBRUARY*



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designed by freepik

# REMEMBERING

FIND OR REMEMBER INFORMATION

*List, Find, Name, Identify, Locate,*

*Describe, Memorize, Define*

## FINAL EXAM PORTION

**HISTORY: 1,2,3,4,5,6,7,8,9,1**

### UNDERSTANDING

UNDERSTANDING & MAKING SENSE OUT OF INFORMATION

*Interpret, Summarize, Explain, Infer, Paraphrase, Discuss*

**CIVICS: 1,2,3 AND 4**

# ANALYZING

*TAKE INFO APART &*

*EXPLORE RELATIONSHIPS*

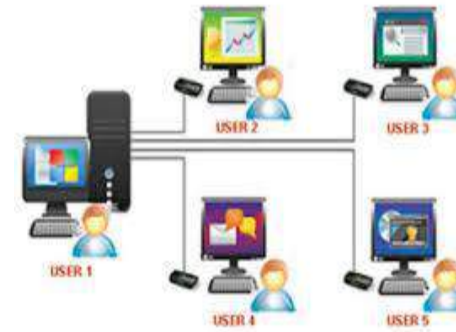
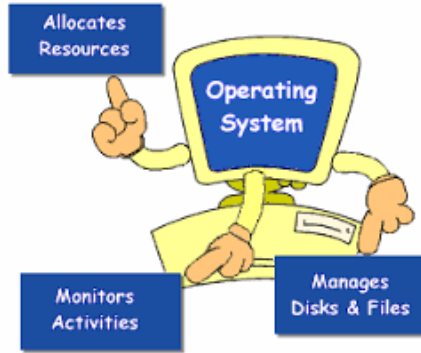
*Categorize, Examine,*

*Compare/Contrast, Organize*

**CLASS VIII  
COMPUTER STUDIES  
YEAR PLAN  
2023-2024**







# APRIL

# FUNCTIONS OF OPERATING SYSTEM



Examples of Operating systems



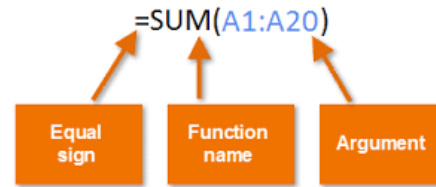
# APRIL

LESSON-1	FUNCTIONS OF OPERATING SYSTEM
	Types of Software
	What is an Operating System?
	Need for an Operating System
	Features/Functions of an Operating System
	Types of Operating System
	User Interface
	Types of User Interface
	Advantages of GUI





# JUNE, JULY



# FUNCTIONS IN A SPREADSHEET

Labels on the left side of the screenshot:

- Formula with a function
- Column (Vertical)
- Cell Reference and Formula Bar
- Row (Horizontal)
- Cell Containing a Label
- Cell containing a Number
- Cell containing a Formula - see also formula bar at the top of the sheet

Labels on the right side of the screenshot:

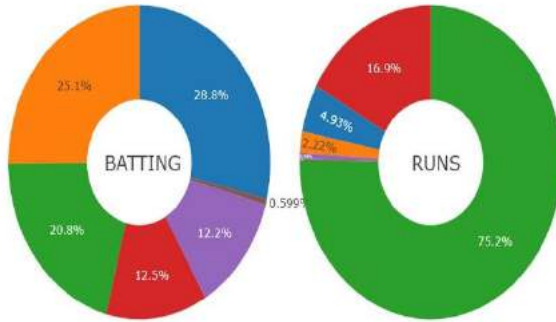
- Range B5:D8

Company	Monday	Wednesday	Friday
Fed. Ex.	32.4	26.8	14.4
UPS	19	17.35	23.17
Airborne	16	12.45	5.6
Roadway	72	18.92	36.72
Daily			
Total.	139.4		

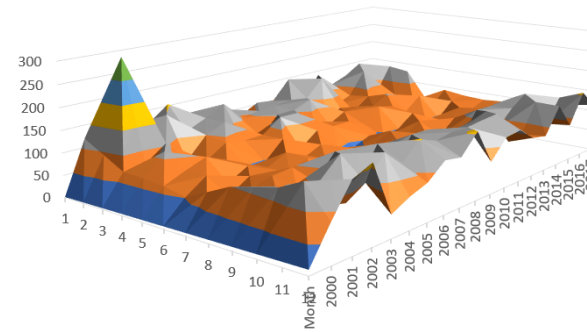
# JUNE, JULY

LESSON-2	FUNCTIONS IN A SPREADSHEET
	Formulas
	Cell Range
	Types of Cell References
	Renaming a Sheet
	Changing Colour of a Sheet Tab
	Functions
	Common Functions
	Function Library
	Formula or Function Errors





# AUGUST



## CHARTS IN A SPREADSHEET

1. The chart area
2. The plot area
3. The data points
4. The horizontal and vertical axis
5. The legend
6. A chart and axis title
7. A data label



# AUGUST

LESSON-3	CHARTS IN A SPREADSHEET
	Components of a Chart
	Types of Chart
	Creating a Chart in Excel
	Moving, Resizing, Deleting Charts in Excel
	Formatting a Chart

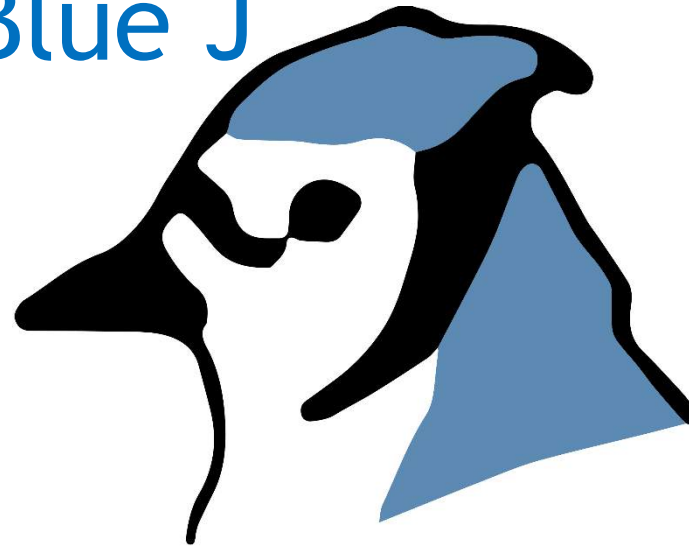


SEPTEMBER

FUNDAMENTALS OF PROGRAMMING



Blue J



# SEPTEMBER

LESSON-5	FUNDAMENTALS OF PROGRAMMING
	Need of programming
	Java and BlueJ
	Object
	Class
	Features of Object Oriented Programming
	Starting BlueJ
	Creating a Simple Program
	Basics of a Programming Language
	Data Types
	Operators
	The Class Declaration
	More examples of Java Programs

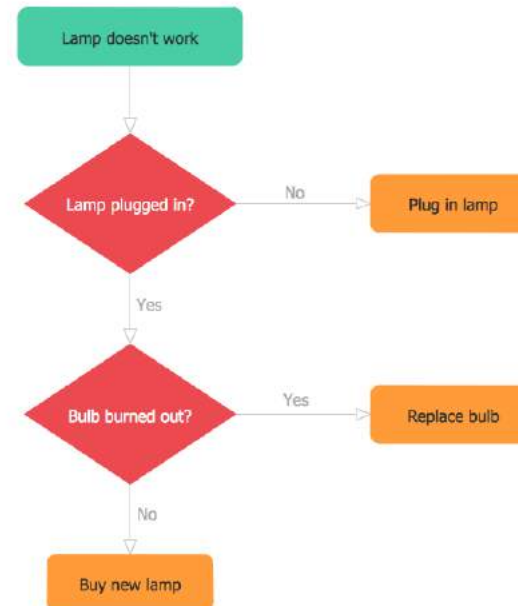
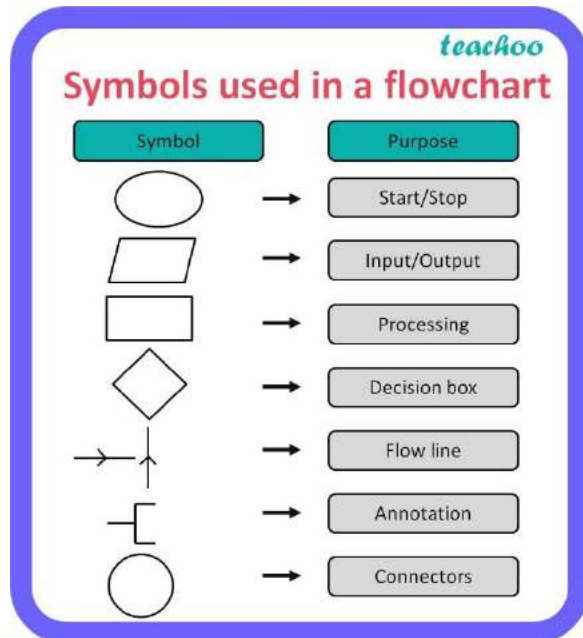


**OCTOBER**

***MID TERM EXAM - REVISION***

# NOVEMBER

# ALGORITHMS AND FLOWCHARTS





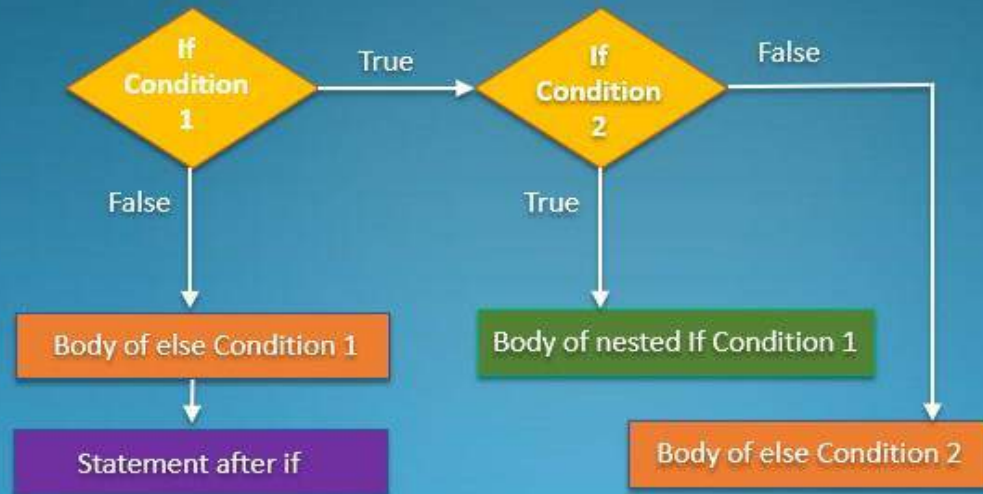
# NOVEMBER

LESSON-4	ALGORITHMS AND FLOWCHARTS
	Algorithms
	Characteristics of an Algorithm
	Flowcharts
	Flowchart Symbols
	Sequential and Conditional Flowcharts

# DECEMBER

## CONTROL STRUCTURES

### Nested if Statements in Java





# DECEMBER

LESSON-6	CONTROL STRUCTURES
	Control Statements
	Types of Control Statements
	The 'if' Statement
	The 'if...else' Statement
	The 'if...else...if' Ladder



# JANUARY

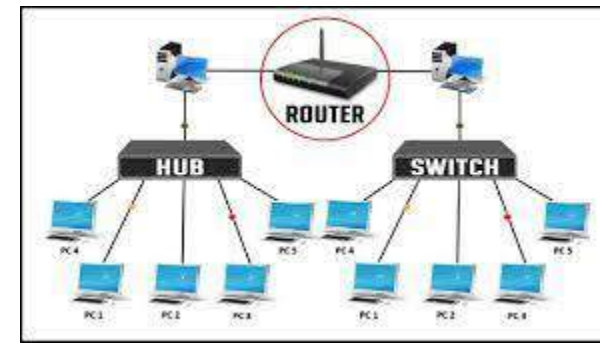
# APP DEVELOPMENT



# JANUARY

LESSON-7	APP DEVELOPMENT
	Introduction to Apps
	Types of Apps
	Classification of Mobile Apps
	Uses of Common Apps
	Downloading and Installing an App
	Developing an App using App Inventor





**FEBRUARY**

# **INTRODUCTION TO NETWORKING**



# FEBRUARY

LESSON-8	INTRODUCTION TO NETWORKING
	Computer Network
	Advantages of Networking
	Types of Networks
	Networking Devices
	Networking Terminology
	Protocols
	Cloud Computing
	Characteristics of Cloud Computing

Thank You!

