

CLASS : IX SUBJECT: MATHEMATICS

MONTH: AUGUST 2023

*विद्यार्थी चर्चा करतील.

*विद्यार्थी प्रकटवाचन करतील.

*विद्यार्थी उदाहरणांच्या सहाय्याने समजावून घेतील . *विद्यार्थी चर्चा करतील.

WEEK	LESSON	TOPICS	LEARNING OUTCOMES	
WEEV 1	12.Heron's Formula	Area of a triangle using Heron's formula	Calculate the area of a triangle using Heron's formula.	
WEEKI	7.Triangles	Introduction to Congruent triangles triangle,	Identify the proeprties of congruent triangles	
		Criterie for conguency- SSS and SAS	To identify and prove the criteria of congruence of triangles	
WEEK 2	7 Trianglas	Problem solving	-SSS and SAS	
WEEK 2	7.1 Hangles	Some properties of trianges	Identify the proeprties of of triangles- isosceles and	
			equivalent triangles.	
WEEK 3	7.Triangles	Criteriae for conguency- SAA and RHS	To identify and prove the criteria of congruence of triangles	
	14. Statistics	Problem solving	Recall drawing and interpretting bar graph, line graphs	
		Bar graphs , line graph & pie charts	,pie chartsAA and RHS	
WEEVA	14 Statistics	Drawing and Reading of Histograms with	Draw and interpret bar graph, line graphs ,pie charts and	
WEEN4	14. Statistics	same and different class width	histograms .	
WEEK 5	REVISION FOR PT 2			
SUBJECT: MARATHI				
WEEK	TOPIC	SUB TOPICS	EXPECTED LEARNING OUTCOMES	
			*विद्यार्थी कथालेखनाचे नियम समजावून घेतील	
WEEK 1	कथालेखन	उपयोजित लेखन	*विद्यार्थी चर्चा करतील.	
			*विद्यार्थी कथा लेखन करतील .	
WEEK 2	७.दिव्याच्या शोधामागचे दिव्य	पाठ	*विद्यार्थी प्रकटवाचन करतील. *विद्यार्थी चर्चा करतील.	

SUBJECT: ART

WEEK 3

WEEK 4

WEEK 5

७.दिव्याच्या शोधामागचे दिव्य

काळ, वाक्य प्रकार

WEEK	TOPIC	SUB TOPICS	EXPECTED LEARNING OUTCOMES
Week 1 to 5	craft	3D shape making	Develop critical thinking and problem solving skills
			as applies to the use of color
	drawing	Mandala art	Develop an informed use of basic color schemes and harmonies in the creation of visual work.

REVISION FOR PT 2

पाठ

व्याकरण

SUBJECT: PHYSICS

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
		Concept of Ist law of motion.	Students will be able to: Resultant force on a body
		Concept of inertia	experienced by balanced forces should be zero and no
WEEK 1	Force and laws of motion.		displacement in the body.
			Definition of :Inertia of motion ,inertia of rest and
			inertia of direction
		Concept of second and third law of	Students will be able to:
	Force and laws of motion.	motion.	$\mathbf{F} = \mathbf{ma}$
WEEK 2		Concept of momentum	Quantity of motion of a body depends upon two factors
			1.Mass 2.Velocity
			P = mv
WEEK 3	Force and laws of motion.	Intext questions, Exercise, Worksheet and	
		assignments	
WEEK 4&5	REVISION FOR PT 2		

SUBJECT: CHEM/BIO

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
		Animal tissue. Epithelial ,Connective	Define tissue. List the plant tissue. Draw and label the
WEEK 1	Ch 6 Tissues	,Muscular and nervous tissues.	location of different plant tissue. Explain the functions
			of meristematic tissue.
	Ch 6 Tissues	* Tissues	List the animal tissues, location and functions.
WEEV 2		* Meristematic tissue - location and	Compare cardiac, striated and unstriated muscles.
WEEK 2		function .	Draw nerve cell and label parts. Solve WORKSHEET
		*Simple permanent tissue -Functions	5
		*Laws of Conservation of mass	State laws of Conservation of mass. Explain laws of
WEEK 3	Ch 3 Atoms And Molecule	* Law of constant proportion	Conservation of mass using examples. Identify the
			reactants and products of given chemical reactions
WEEK 4	DEVISION FOR DT 2		
WEEK 5	KE VISION FOR P1 2		

SUBJECT: DANCE

Weeks	TOPIC	Project/Activity related to Topic	Expected Learning Outcomes
Week 1 to 5	Dance Practice on Independence Day and after program Fitness Class will be continued.	Children can be divided into groups and they will make some of song own choreography.	To respect self development, opportunity to learn and grow in a creative field as well as to encourage the spirit of patriotism.

SUBJECT: ENGLISH

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
WEEK 1	A Truly Beautiful Mind	Author's perspective of his early life	To be able to decipher author's view towards life
WEEK 2	My Childhood,	Abdul Kalam Azad's childhood and upbringing	To help students imbibe a non biased outlook for life and give more importance to humanity
WEEK 3	Weathering Storm in Ersama	Odhisa cyclone in the year1998	To let students understand the devastating effects of a storm
WEEK 4	A Legend of Northland	Greed leads to misery and distress.	To reflect upon the importance of ballads and mythical tales
WEEK 5	Writing Skills : Story Writing	Format, presentation, plot and essential characteristics of a story	To be able to write a story with proper presentation.

SUBJECT: SOCIAL SCIENCE

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
WEEK 1& 2	4: Working of Institutions:	How is the major policy decision taken?, Parliament, Political Executive, Judiciary	An overview of central governmental structures. Identify the role of Parliament and its procedures. Distinguish between political and permanent executive authorities and functions. Understand the parliamentary system of executive's accountability to the legislature. Understand the working of Indian Judiciary
WEEK 2 & 3	2. Socialism in Europe and the Russian Revolution:	The Age of Social Change, The Russian Revolution, The February Revolution in Petrograd, What Changed after October?, The Global Influence of the Russian Revolution and the USSR .	Explore the history of socialism through the study of Russian Revolution. Familiarize with the different types of ideas that inspired the revolution,.
WEEK 4	3: Electoral Politics:	Why Elections?, What is our System of Elections?, What makes elections in India democratic?	Understand representative democracy via competitive party politics. Familiarize with Indian electoral system. Reason out for the adoption of present Indian Electoral System. Develop an appreciation of citizen's increased participation in electoral politics. Recognize the significance of the Election Commission.
WEEK 5	REVISION FOR PT 2		

SUBJECT: V.E.

Weeks	TOPIC	Project/Activity related to Topic	Expected Learning Outcomes
Week 1 to 5	Recognizing the sacred (Developing shraddha)	PPT and Real life examples on how to show take charge of their own life.	Students discover what it means to unfold the possibility of recognizing the sacred (developing shraddha) in two areas – developing shraddha in our cultural heritage and traditions & developing shraddha in our nationhood and democratic traditions of India.

SUDJEC1: F	HISICAL EDUCATION		
WEEK	Торіс	Activities related to Topic	EXPECTED LEARNING OUTCOMES
WEEK 1- 5	Warm-Up Yoga Chess Table Tennis Volleyball Physical Fitness test	Warm-up- General & Specific warm-up. Yoga Asanas:- Standing Asnas, Sitting Asnas, & Suryanamaskar Chess - Individual match Practice. Table Tennis- Counter, chop, top spin & match practice. Vollyball- Match Practice test: -Strength, Cardiovascular Endurance . Sports Activity- Speed Bounce	Discipline through games. Better hand-eye coordination. Understanding of health-related fitness components. Improve personal fitness through exercise.
SUBJECT: C	COMPUTER SCIENCE		
WEEK	TOPIC	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 1	Introduction to Python	Python Input & Output, Type Conversion	Students will learn about python input and output using appropriate functions & will learn about the different type conversions.
WEEK 2	Introduction to Python	Python Operators , Practice, Test your knowledge	Students will learn about the different operators used in python, & will be able to recall the learnt topics
WEEK 3	Introduction to Python	R	Revision & Notes

REVISION

SUBJECT: PHYSICAL EDUCATION

Class Tr : Mr Giji P A

WEEK 4&5