

Holiday Home Work				
Class- 9th (English)				
Sr.No	Date	Topic	Activity	Marks
1	1st to 5th July	Reading	Read the Newspaper daily and write only one news article under the given headings like National, International, Sports, Glamour, Business and express your views on it	5
		Writing	Computers are a storehouse of knowledge and wisdom and they are hazardous too. Write an article on the topic 'The benefits and harms of computers'. Word limit is 180-200 words.	7
2	6th to 10th July	The Fun they had	Importance of computers in daily life Frame 10 mcq from the chapter	
		The Road not taken	How do you make a choice when there are different choices. Frame 10 mcq from the chapter	5
3	11th to 15th July		On an A4 sized sheet of paper write on the topic of 'Friendship'. It may be a self-composed poem / anecdotes/ description of a person who is your ideal friend/diary entry in about 150-200 words.	7
		The Shehnai of Bismillah Khan	You witnessed a quarrel among some children of your colony. Make a diary entry giving an account of the quarrel giving some suggestions to avoid such quarrels in future.. Express your feelings in the form of a diary entry in 100-120 words.	5
4	16th to 20th July		What important lesson does the life of Bismillah Khan teach us? Frame 10 mcq from the chapter	3 2
		The Little Girl	List of instruments played in India Write about the life of Evelyn Glennie Comprehension of the chapter	5 2
5	21st to 25th July		What do you feel about your parents behaviour Frame 10 mcq from the chapter	3 3
		Wind	Role of wind in our life How can we make friends with the wind Frame 10 mcq from the poem	5 3
6	26th to 29th July		Rain on the roof summary and theme of the poem Message conveyed by the poem	5 3
		A Truly Beautiful Mind	Life of Albert Einstein Frame 10 mcq from the chapter	5
6	26th to 29th July	The Snake and the mirror	Comprehension of the chapter	
		The Lost Child	Importance of parents in life video of speech Frame 10 mcq from the chapter	
6	26th to 29th July	Notice	Notice on the loss of a purse Notice on the loss of a book	5 5
		Diary entry	my plans for summer vacation visit to a temple	5
			my mother my world	5
		Ishwaran the story teller	Frame 10 mcq from the chapter	5

**9th mathematics Homework**

<i>sr no</i>	<i>Date</i>	<i>chapter</i>	<i>activity</i>	<i>Marks</i>
<b>1</b>	1st july to 5th July	Numbers system Real no and their decimal expansion	make of poster of different types of number.	<b>15</b>
		frame 10 questions yourself how to write number in p/q rational form	make a spiral of irrational no 1 to 15	
			make a activity of exponential formulas.	
		frame 10 questions how we can add , subtract ,multiply,divide rational and irrational no	make a video of rationalize the denominator.	
<b>2</b>	6th july to 10th july	Polynomial	zeroes of polynomial,coefficient,degree	<b>20</b>
			frame 10 questions of yourself for zeroes of polynomial	
		Algebraic identities	make a video how we prove algebraic identity.	
			frame 30 questions based upon algebraic identity.	
<b>3</b>	11th july to 15th july	coordinate geometry	plotting point in the plane if its coordinate plane.	<b>10</b>
			take point and represent point in plane make graph show point in cartesian plane	
			complete 10 questions and frame your self.	
<b>4</b>	16th to 19th july	linear equations in two variables	frame 20 questions yourself regarding to linear equations.	<b>10</b>
<b>5</b>	20th july to 24th july	Lines and angles	complete exercise 6.1 and 6.2 make activity pairs of angles.	<b>15</b>
<b>6</b>	25th July to 28th july	Triangle	problem related to ASA congruence	
			exercise 7.1 questions 1 to 7 revise.make activity of angles of congruence	<b>10</b>

**Class - 9th (Subject. - Social Science)**

<b>Sr. No</b>	<b>Date</b>	<b>Topic</b>	<b>activity</b>	<b>Marks</b>
1	1st July to 4th July	India- size and location	Find out the latitudinal and longitudinal extend of your state	10
2	5th July to 7th July	Physical features of India	Find out the names of the glaciers and passes that lies in the great Himalaya prepare 20 question on physical features of India.	10
3	8th July to 10th July	Drainage	make a list of natural and artificial lakes with the help of map . prepare 20 questions on Himalayan Rivers.	10
4	11th July to 13th July	climate	Find out which songs dances festival and special food preparation are associated with certain seasons in your region . do they have some communalitywith other region of India. prepare 10 question on climate and weather.	10
5	14th July to 16th July	Natural vegetation and wildlife	Find some trees in your neighbourhood having medicinal value. prepare 20 question on India flora and fauna.	10
6	17th July to 19th July	Population	Find out the reason of unbalanced distribution of population in India . prepare 10 question of distribution of population of India.	9
7	20th July to 22th July	What is democracy? Why democracy?	Find out the total number of eligible voters in your assembly constituency and your parliamentary constituency	8
8	23rd July to 25th July	Constitutional design	Project on constitutional design. prepare 20 MCQ on constitution of India	8
9	26th July to 27th July	Electoral politics	Find out the electoral constituencies of your state and write the names. prepare 30 MCQ on electoral system in India.	8
10	28th July to 29th July	The French revolution	Project on the French revolution	7

**CLASS 9TH**  
**Subject - Biology**

<b>Sr.no.</b>	<b>Date</b>	<b>Topic</b>	<b>Homework</b>	<b>Activity</b>
	1st July to 12th July	Cell, Types of cell	Define cell,. write difference between prokaryotic and eukaryotic cells Make video by explaining cell and their types	
			why cell called the structural and functional unit of life?prepare 15 MCQ	
			why is the plasma membrane called selectively permeable membrane make a video by explaining the different types of organelles	
			define exosmosis and endosmosis	
			difference between plant cell and animal cell Make Ppt	
		cell organelles	name the two organelles we have studied that contain their own genetic material?	
			repair 15 MCQs.which organelle is called powerhouse of the cell and why?	
			name the organelle that is called suicidal bags. why is it called so?	
			prepare 10 MCQs	
			which cell organelle controls most of the activities of the cell? explain it structure video by explaining the structure of nucleus	
			prepare 10 MCQs	
		cell division	explain mitosis with the help of diagram	
	13th July to 23rd July	explain meiosis division with the help of diagrams make a video by explaining the cell division		
			prepare 10 MCQs	
		conducting tissues	what are the components of xylem and phloem	
			prepare 10 MCQs	
			stomata and its function to show the transpiration process by plants by performing and activity and make its video	
		Muscular tissue	differentiate between striated, unstriated and cardiac muscles	
			prepare 10 MCQs	
		Nervous tissue	explain the structure of nerve cell with the help of diagram make video by explaining the structure of nerve cell	
	24th July to 29July	epithelial tissue	prepare 10 MCQs	
		connective tissue	prepare 10 MCQs	
		Classification	define classification why do we classify organisms make video	
			what are the basis of classification	
		five kingdom classification	prepare flowchart of five kingdom classification make video by explaining the flowchart of five kingdom classification prepare 5 MCQs	
		thallophyta bryophyta and pteridophyta	which division among plants has the simplest organisms make video by describing thallophyta bryophyta and pteridophyta	
			which division is called the amphibian of the plant Kingdom?	
		crypto games and Phanerogamae	differentiate between cryptogames and phanerogames. Frame 10 MCQs	
		gymnosperms and angiosperms	differentiate between gymnosperms and angiosperms by giving suitable examples.make video by explaining gymnosperms and angiosperms	

**Physics 9th class homework**

		<b>TOPIC</b>	<b>Activities</b>	
		Chapter MOTION		
1 to 9 july		State of rest and motion	What is meant by a body at rest and motion	
		Scaler and vector quantities	what are scalar and vector quantities Make a video on objects which are at rest or motion around you	
		Distance and displacement	What is the difference between distance and displacement Make a video showing the difference between distance and displacement	
		Uniform and non uniform motion	what is uniform and non uniform motion. make a video showing uniform and non uniform motion	
		Speed and Velocity	Differentiate speed and velocity. Find out average speed for any journey travel by you in holidays.	
			Make 15 mcqs and 15 numericals of this chapter	
		graphs	draw distance time graph. and displacement time graph	
10 to 18 july		Chapter Force and laws of motion		
		Force	FORCE	
			Make a video showing balanced and unbalanced forces	
		Newton's laws of motion	state and explain Newton's laws of motion. Make videos on 1.) Newton's 1st law	
			2.) Newton's 2nd law	
			Newton's 3rd law	
		Momentum and impulse	What do you momentum and impulse	
			make 15 mcq of this chapter	
			solve 15 numericals on this chapter.	
19 to 29 july	Gravitation	Newton's law of gravitation	solve 5 NUMERICALS on Newton's law of gravitation	
		Gravity and gravitation	derive an expression for acceleration due to gravity of the earth. how does the value of g differs from place to place	
		Mass and weight	What is the difference between mass and weight. Solve 15 numericals on mass and weight	

<b>Holidays Homework</b>		<b>CHEMISTRY CLASS 9TH</b>	
<b>S.N.</b>	<b>Dates</b>	<b>Topics</b>	<b>Questions /Activity</b>
1	1st, 2nd july	Matter and physical	10 subjective type question. identify the matters around you
	3rd july	nature of matter	5 MCQ Distinguish between different types matters
	4th july	Diffusion	5 subjective type Make a video on diffusion.
	5th july	states of matter	5 objective type Identify different states of matter in your surrounding
	6th july	Solid, liquid and gases	5 Subjective types Make a video to distinguish between three state of matter
	7th july		5 M.CQ
	8th july	Change of state	5 subjective type Show that how matter change its state
	9th july	boiling point	and
	10th july	melting point	10 M.C.Q
	11th july	latent heat	make a video on Latent heat of vapourisation
	12th,13th july	Evaporation	5 subjective type
			5 MCQ
2	14th to 16th july	Matter and its classification	
		Substance	10 subjective type Make a video on different types of mixture
		Mixture	10 MCQ
	17th to 21st july	Solution (Solute +Solvent)	10 Subjective type make a video on solution i.e solid in liquid, solid in solid
		Characterstics of solution	10 MCQ
		Concentration of solution	
		saturated and unsaturated solutions	
	22nd to 24th july	Suspensions	10 Subjective type
		Colloids	
		Applications of colloids	
	25th to 29th july	Separating techniques	
		To get pure substance from	10 subjective type. make a video on separating techniques to get pure substance (Any two techniques)
		example : magnetic separation	10MCQ
		centrifugation	
		evaporation	

<b>Holiday Homework Subject -Computer Application</b>				
<b>Class -9th</b>				
<b>sr.no</b>	<b>Date</b>	<b>Topic</b>	<b>Activity</b>	<b>Marks</b>
1	1st July to 4th July	Computer System	Prepare a presentation on the topic characteristics of a computer and areas of applications of a computer	7
2	5th July to 8th July	Input and output Devices	collect information as well as make a chart on the latest development in the applications of MICR ,OCR, OMR and Barcode reader	7
3	9th July to 12th	Types Of Software	Prepare a collage on types of application software	7
4	9th July to 12th	Operating system	Create a Presentation on the latest operating system	7
5	13th July to 15th July	Working with an Operating system	Set the date and time password, change the background of your computer system	7
6	16th July to 19th July	Computer Networking	Create a Presentation using Power point comprising the various types of Networks	7
7	20th July to 25th July	Cyber Safety	Create a Poster displaying techniques and tools you should use to safeguard yourself and your family from security threads while surfing the internet.	8