

## **Weekly Homework**

## (Week 03<sup>rd</sup> May to 9<sup>th</sup> May 2021)

## Class IX

S.	Subject	Homework	Subjects Integrated	Objective
N	&			
•	Teacher			
1	English			
	(Ms.Nay			
	yer A.			
	Khan)		<del>0.0</del>	<del></del>
2	Hindi	पाठ- धूल • गांव का सचित्र वर्णन ।	हिंदी आर्ट	बच्चों को
	(Ms.Anu radha	• गांव का साचत्र वर्णन । • गोधुलि बेला को चित्रों दवारा	। आट इतिहास	भारतीय संस्कृति
	Shrivasta	। प्रदर्शित करना ।	कृषि विज्ञान	तथा अपने
	va)	। भटिटी के प्रकारों तथा उनकी	काम ।वशान	देश की
	(va)	उपयोगिता को सचित्र लिखना।		मिट्टी से
		• अखाड़े की मिट्टी का वर्णन।		परिचित
		अखाडे का चित्र दिखाना।		कराना।
		• हमारे देश में उगाई जाने वाली		1. (1-11)
		फसलों का वर्णन ।		
		• मणिपुर तथा नागालैंड के गांवों में		
		मुनाए जाने वाले त्यौहार , नृत्य ,		
		गीत तथा फसलों का विस्तार से		
		वर्णन।		
		( गृहकार्य चित्रों की सहायता से पूरा		
		कीजिए।)		
3	Maths	Weekly Assigned Homework	Maths	To make
	(Mr.	Ch-6 Lines and Angles	Art	students
	Syed	1. Note down all the		familiar
	Saeed	definitions.		with the
	Ahmed)	2. Prepare a mind map		various
		in which show the		concepts
		relation of angles for		of lines
		intersecting lines and		and
		parallel lines.		angles.

		3. Prepare the notes of		
		questions		
		demonstrated in video		
		lectures.		
4	Chemistr	Weekly Assigned Homework	English	To make
	y (Mr.	-Bridge Course	Chemistry	students
	Anil	Unit-1 Matter in Our	Physics	familiar
	Tiwari)	Surroundings	Maths	with the
		1. Define matter and	Art	various
		differentiate solid liquid and		concepts
		gas on the basis of their		required
		physical properties.		for
		2. Why gases fills the		understan
		container completely?		ding in X
		3. Write formula for		Class
				Level &
		converting degreeCelcius		Importan
		scale of temperature into		ce of
		Kelvin scale of temperature.		different
		4. Why Kelvin scale of		subjects.
		temperature is considered as		
		a unit of Temperature.?		
		5. What is the difference		
		between weight and mass?		
		6. By performing an activity		
		verify the law of		
		conservation of mass which		
		we studied in your 10th		
		class.		
		7. Calculate the molar mass		
		of water,carbon dioxide and		
		glucose.		
		8. Write down main points of		
		Dalton's atomic theory.		
		9. What is the difference		
		between evaporation and		
		boiling?		
		10. Why the temperature		
		doesn't increase when ice		
		melts?		
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5	Physics (Mr. Rajeev Tripathi)	Q-1-Perform following activity at your home ,make an video and post in the class whatsapp group.  Activity- Pendulum Painting  Procedure — Cut the bottom and screw a cap from a glue bottle on in place of the lid . Suspend the bottle from a tripod and center it over a large sheet of paper. Fill the bottle with thin paint and set the pendulum in motion . The design of the pendulum will be tracked from the falling paint on the floor. The motion creates a symmetrical splatter. Different mediums can be experimented with for viscosity testing .  Q-2. A body is accelerating at a constant rate of 10m/s². If the body starts from rest, how much distance will it cover in 2 seconds?  Q-3. An object undergoes an acceleration of 8m/s²starting from rest. Find the distance travelled in 1 second.  Q-3. A moving train is brought to rest within 20 seconds by applying brakes. Find the initial velocity, if the retardation due to brakes is 2m/s².  Q-4. A car accelerates uniformly from 18km/h to 36 km/h in 5 seconds. Calculate (i) acceleration and (ii) the	Physics and Art  Physics and Mathematics	To understan d use of art in Physics.  Students will be able to calculate different physical quantities using mathemat ics concept
		Q-4. A car accelerates uniformly from 18km/h to 36 km/h in 5 seconds.		
		1 3		

		m/s². How much time will it take for the body to stop? Q-6. A train starting from the rest moves with a uniform acceleration		
6	Biology (Ms. Uzma Abbasi)	HW: I. Prepare a model to compare plant cell and animal cell using common household items like grains and pulses etc. II. Solve the following questions:  1. Give the differences between plant cell and animal cell in tabular form.  2. Draw a well labelled diagram of prokaryotic cell. Give difference between prokaryotic cell and eukaryotic cell in tabular form.  3. What is plasmolysis? Explain 4. What do you understand by the term Hypertonic and hypotonic solution?  5. Why does animal cell burst it is kept in hypotonic solution for long duration?  6. Why does raisins do not get burst upon keeping in hypotonic solution for longer duration?	Biology and Arts	Students become familier with the basic concept of cell Creative and logical thinking
7	Social science ( Mr. pankaj Gurmala ni)			
8	Compute r (Mr. Ankur Sharma)	No Class Conducted this Week		

Last Date of Homework Submission: 08 / 05 /2021