

Innovation and Experimentation done by teachers (Updated as on 30.09.09 the last working day of the month)

S.N.	Innovation and Experimentation (Give a suitable title with a link to give more insight into the work)	Class and subject	Learning objective initially envisaged	Learning objective realised or not	Name of Innovator / Experimenter with designation.
01	How to draw a circle when three points in a plane is given	IX Maths	We can draw one and only one circle passing through three points	Yes	Ramesh Verma (PGT (Maths))
02	Hoe to find the argument of a given complex number	XI Maths	The accurate way to find the argument	Yes	Ramesh Verma (PGT (Maths))
03	Integration by parts use of ILATE property	XII Maths	How we can choose the first and second function	Yes	Ramesh Verma (PGT (Maths))
	Seminar :- Topic Modals	IX English	To enable students to collect information, To enable students to present the matter	Yes Realised	Mr. P Y Medhekar, PGT (Eng)
	Enriching Vocabulary (Students are divided into groups having bright achievers and slow achievers)	IX English	To enable students to spell and use the words correctly, To enable students to use the words properly while interacting	Yes Realised	Mr. P Y Medhekar, PGT (Eng)
	Without touching the lens told that the given lens is concave or Convex	XII Physics	To know about types of lens	Yes, Learning objective realized	Mr. Surjeet Kumar, PGT(Phy)
	Collision to show that the velocity change after collision	XI Physics	To know that velocity change	Yes, Learning objective realized	Mr. Surjeet Kumar, PGT(Phy)

			after collision		
	Drama organized (Chapter Gopal & the Hilsa Fish)	VII, English	To develop speaking and listening skill, To motivate students to make dialogue delivery fluently	Yes	Mr. Dinesh Kumar, TGT (Eng)
	Comments and dialogues were delivered by the students Chapter Glimpse of the Past	VIII, English	To develop speaking and listening skill, to make enable the students to use the correct pronunciation of dialogue	Yes	Mr. Dinesh Kumar, TGT (Eng)
	Drama was organized/acted by the students (Christmas Carol) Quiz was organized in the class related with finite verbs	X, English	To make able the students to realize the real situation of drama, to motivate students to make dialogue delivery, to enable the students to use co directly non finite verbs	Yes	Mr. Dinesh Kumar, TGT (Eng)
	Map making the project on map making is assigned the students are directed to make and prepare three types of maps Political, Physical & Thematic	VI, S. St	Students can understand the different types of maps and they will be making these maps and their uses	Students have made the maps and they are able to differentiate between three types of maps	Mr. Vijendra Saini, TGT (S.St)
	Questioning in state legislative assembly the work of MLAs are assigned to six students and they	VII, S.St	To understand and develop the knowledge of the	Students understand the activity in a SLA and they also	Mr. Vijendra Saini, TGT (S.St)

	are divided to ruling party MLA and opposition MLA		functioning of state legislative ASS	understand	
	How to adult cast their vote in election during election the voters face many formalities and they completed these	VIII, S.St	Students can understand the election system and they can know how to cast vote	Students understand the system of polling and the formality during polling	Mr. Vijendra Saini, TGT (S.St)
	Unity in diversity India is a diverse country and students are also be long to various culture so students respect each other's culture	IX, S.St	Students become well known to the diverse culture of India and also they respect another culture	Out comes is waiting	Mr. Vijendra Saini, TGT (S.St)
	Women's condition in present India women face many difficulties and discrimination in our society	X, S.St	Students share their views on the topic through GD and the quality of expressing views are developed	Students share their views and understood the discrimination against the women	Mr. Vijendra Saini, TGT (S.St)
	Water absorption by different soil samples and calculation of % water absorbed	VII, Science	Water absorption & water holding capacity of soil	Yes	Mr. R R Gaur. TGT (Science)
	Preparation of charts showing causes & consequences of deforestation by students	VIII, Science	Hazzards of deforestation	Yes	Mr. R R Gaur. TGT (Science)
	Explanation of law of gravition by the help of different demonstration	IX, Science	Concept of gravitation	Yes	Mr. R R Gaur. TGT (Science)
	How to grow some useful plants importance of plants kitchen Garden development	VI, SUPW	Got knowledge of whole tree from plant to tree	Realised	Mr. Vinay Kumar, WET
	Dehydration of vegetables selection & preparation of vegetables	VII, SUPW	Got knowledge of vegetables and how	Realised	Mr. Vinay Kumar, WET

			to prepare them		
	Providing first aid in different situations making a first aid box	VIII, SUPW	To understand how to Aid at different situations	Realised	Mr. Vinay Kumar, WET
	Interior decoration decorating the house arrangement of furniture and other articles	IX, SUPW	To understand how to decorate house and how to arrange the furniture & fancy articles	Realised	Mr. Vinay Kumar, WET
	Soldering & De Soldering	XI, SUPW	How to solder & de solder component from the PCB Board	Realised	Mr. Vinay Kumar, WET
	Pattern Chart	II, Maths	Individual Charts, Pattern by prints of vegetable, Circle design	Yes	Mr. Kuldeep Singh, PRT
	English language games	IV, English	Inspire to speak and to get comfortable with english	Yes	Mr. Kuldeep Singh, PRT
	Symmetric shapes	V, Maths	Cardboards Flash Cards	Yes	Mr. Kuldeep Singh, PRT
	Visit to Herbal Garden	I, EVS	Students are observe the different plants & trees and able to identify them accordingly	Yes	Mr. Ashok Kadiyara, PRT
	Role Play	III, Hindi	Students are able to play role of different character & also understand the lesion	Yes	Mr. Ashok Kadiyara, PRT
	Shapes and Designs	III, Maths	Students are draw	Yes	Mr. Ashok

			the shapes and designs of different type after the explanation given by instructor or facilitator by their thinking and ideas		Kadiyara, PRT
	Recreational game/ activity	VI to VIII, Games & Sports	To create interest among the students	To know about the different games through recreation	Mr. Anil Shakya, PET
	Major Games (Foot ball)	IX to XII, Games & Sports	Advance knoeledge of games like formations	To develop the positional games	Mr. Anil Shakya, PET