

TELTA-21 Lesson Plan							
<b>School Name:</b>	BMC School						
<b>Name of the Teacher:</b> Quresha Ansari							
<b>Subject:</b>	Science						
<b>Class:</b> 7th							
<b>Chapter Name:</b>	Materials we Use						
<b>Pre knowlegde required :</b> Studenrts must know about natural and man-made substances seen around us, material we use is chemical or natural material . students must know about construction materials .							
<b>Learning Objective of the lesson:</b> <ul style="list-style-type: none"> <li>Students will learn to understand natural and man-made materials and analyze the differences between the two.</li> <li>Using a PPT, they will research and write about detergents and their types, such as natural detergents, man-made detergents, and synthetic detergents. They will also prepare a comparison chart showing whether commonly used materials are chemical or natural.</li> <li>They will explore and identify strong construction materials used for building houses.</li> <li>They will compare the structural strength of houses in Mumbai with those in their native villages.</li> <li>Finally, they will compile all their research and findings in a well-presented PPT, using images, audio, and videos related to different types of house structures.</li> <li>Students will create a game on house construction using Scratch, incorporating everything they have learned about construction materials.</li> </ul>							
Sub-Topic	Specific Objective	Activities students will do	Which 21st century skills to be developed in students through the activity?	What will students create/project using ICT	ICT Application students will use to create the project	Levels of Bloom's Taxonomy students can reach through the activity	Theory of Learning teacher will use in this lesson
Level1 : Materials we Use		Studentds will give Pre Quiz, They will use their Login ID and Password in Leap portal to Attempt the quiz					
		Discussion about natural and man made substance around us , the students listed thename and and also we discussed about the constructive materials which we use and how to make strong house structure By cement or chemicals etc. and difference construction s materials use in mumbai and thier native places.					
	<ul style="list-style-type: none"> <li>Students can understand the natural and man made materials, and they can analyze the differences between man made and natural substances around .</li> </ul>	students make groups and they started the project in ppt they start with details of school and groups after that they write the defination of naturual and man made material. and also listing the natural and man made substance with images , posters , what substance use people before and now with 21st century .	communication al , Generating new ideas and finding unique solutions to problems.	students use ppt write all dtails of groups and write or search copy/paste about man made and naturals materials they use from sourounding.	ppt		

	<ul style="list-style-type: none"> <li>Using ppt, they will search and write about detergent and its types like natural detergent, man made detergent, synthetic detergent also make column about the material we use which is chemical or natural</li> </ul>	students make column about detergent types natural, man made, and synthetics detergent and students write the chemicals name which is use in it and natural materials which is use in it. they write about the detergent types defination or information by textbook or from by Using AI, CHATGPT,ect.	Collaboration: Working effectively with others to achieve a common goal.	Students searching and research the about detergents and its types by ChatGPT, AI and also chemical name which is use in the detergent.	ppt,AI, ChatGPT,etc.		
	<ul style="list-style-type: none"> <li>They will also attempt to find the strong house structure constructive materials.</li> </ul>	for an construction house what is the process and what material we use they listed in ppt and they write paragraph about the constructive materials how materials make stroger the house by natural or chemicals help.	Information Literacy: Finding, evaluating, and using information effectively	students searching the materials which make constructive material long lasting, listing the	ppt, ChatGPT		
	<ul style="list-style-type: none"> <li>They will also try to relate to occurance of strong house structure in mumbai versus in their native villages.</li> </ul>	The students research on the house they seen in native plaace and mumbai areas which types of structure and materials make it strong we can discussed about modern and traditional houses different.	Creativity and Innovation: Generating new ideas and finding unique solutions to problems.	students camparision and differenciate the house structure and material use in mumbai and native place they post the images of houses in ppt	ppt		<b>Cognitivism:</b> the focus to internal mental processes,
		Students will give presentation and a Post-Quiz. They will use their Login ID and Password in the Leap Portal to attempt the quiz		website	website		