

School Name:	CETE, TISS						
Name of the Teacher:	Munawwar Bi						
Subject:	Geography						
Class:	8th						
Learning Objective of the lesson: * Students will explore about and understand the difference between Local time and standard time and GMT * They will learn the causes of time differences due to the Earth's rotation. * Students will analyze why standard time and time zones are important for countries. * they will be apply the concept of time for planning their daily activities/monthly planner * Create a Global Time Calculator vs IST using Spreadsheet							
Chapter Name:	Local Time and Standard Time						
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
	* Students will explore about and understand the difference between Local time and standard time and GMT	Create a discussion among students if they have heard about AM PM while talking about time or not. If Yes they how are they named and what it means A Followup discussion if it is 10 am here then does the same time is in another country like Bangladesh / Indonesia or any other country of their choice/ When time does not reflects same in all countries then we ask why is it?			spreadsheet		
	Apply the concept of time for planning their daily activities/monthly planner.	since the new academy section just started how you are planning spend your rest of the day create a time table for yourself for various activities that you to do throughout week.		students will used spreadsheet for create a time table for themselves	Spreadsheet		
	* They find out the causes of time differences due to the Earth's rotation.	since new has just started how you are planning to spend your rest of the day create time table for they same		Students will Search on Internet about various time zones and factors that effect the time, also what is GMT and how is the time calculated based			
	* Students will analyze why standard time and time zones are important for countries.	List All Time Zones and their Longitude and also verify its relationship with Longitude		Students will use Spreadsheet and use formula to calculate the time based on Longitude along with position of the sun Further they will compare various time zones			
	* Create a Global Time Calculator vs IST using Spreadsheet			Students will use spreadsheet with formulas create a global time calculator. They will use formulas like time(), Vlookup() to make the sheet dynamic in nature			
	Apply the concept of time for planning their daily activities/monthly			Students will use Spreadsheet and use with formulas to			
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Developed for Integrated Approach to Technology in Education, TISS ITE Resource Team ©							
		calculating the difference in time between the Prime Meridian and local times of various places in the world					
		calculates the Standard Time and Local time with the help of longitudes on maps and globes					
		uses local time and standard time effectively with the help of longitudinal location correlating them					