

TCA Daily Lesson Planner

Lesson # 11	Course Code	MCV4U	Date	16/9/20	Teacher	CBAHAR
-----------------------	-------------	-------	------	---------	---------	--------

Period A

Warm up	20	Quiz, Q&A, Student Report, Student Marking, Debriefing, Check home work etc.	
Record Attendance		Notes: attendance and concerns regarding specific student	
Lesson Intro.	10	Specific expectation (s)	B2.1
		Learning goals	<p>By the end of this period, students will be able to:</p> <ul style="list-style-type: none"> - Finish the Review of Prerequisite Skills for Unit 3 - Graphing Polynomial and simple rational functions - Working with circle in standard position - Solving polynomial equations - Finding the equations of tangents and normal - Using basic mathematical formulas
		Success Criteria	<p>By the end of this period students should:</p> <ul style="list-style-type: none"> - Know or understand the concepts of the exercise - Use critical thinking to create, solve and analyze - Communicate with appropriate notations - Apply connections between everything that was learned and problem arising in the real world problem - The students should be able to successfully answer and explain any questions from the given exercise (AFL/Conversation) - The students should be able to successfully solve and represent any assigned questions (AFL/Observation)
Lesson	40	Learning Activities	Problem Solving Discussion Feedback
		Resources	Textbook: Calculus and Vectors (Nelson)
		Assessment and Evaluation	Assigned Textbook questions: Pg#116 1-9
Application	20		

Period B

Warm up	15		
Lesson Intro.		Specific expectation	B2.1
		Learning goals	<p>By the end of this lesson, students will be able to:</p> <ul style="list-style-type: none"> - Understand Higher order derivatives

		<ul style="list-style-type: none"> - Select a strategy to determine the second derivative of a rational function - Relate higher order derivatives with motion on a straight line as velocity and acceleration - Reason and Analyze about the motion of an object along a straight line - Analyze real world problems
	Success Criteria	<p>By the end of this period students should:</p> <ul style="list-style-type: none"> - Know or understand the concepts of Higher order derivatives - Use critical thinking to create, solve and analyze strategies to find the Second derivative of a rational function - Communicate with appropriate notations for reasoning about the motion on a straight line - Apply connections between everything that was learned and problem arising in the real world problem - The students should be able to successfully answer and explain any questions from section taught in the class (AAL/Conversation) - The students should be able to successfully solve and represent any assigned questions from the lesson taught (AAL/Observation)
Lesson	55	<p>Learning Activities</p> <p>Problem Solving Discussion Feedback</p>
		Resources
		Textbook: Calculus and Vectors (Nelson)
		Assessment and Evaluation
		Assigned Text book questions: Pg#139 1-4
Application	20	Student Teacher Discussion about the lesson

TEACHING STRATEGIES		TEACHING STRATEGIES	
Direct Instruction (teacher led)	x	Class activity (teacher facilitated)	x
Direct instruction (discussion possible)	x	Experiential learning (by doing)	
Class discussion (teacher facilitated)	x	Worksheets / Surveys	
Small group discussion		Individual or group research	
Partner discussion / conferencing		Teacher Modeling	
Conferencing: teacher and student	x	Use of Computers / Internet	

Teacher reading to class		Use of Video or Audio	
Silent individual reading		Role Playing	
Group based reading		Class Presentations	
Independent work (Teacher facilitated)	x	Guest Speaker / Interviews / Questions	
Group Work (Teacher facilitated)		Field Trip	
OTHER:		OTHER:	