

**TCA Daily Lesson Planner**

<b>Lesson #</b> 8	Course Code	MCV4U	Date	11/9/20	Teacher	C.BAHAR
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**Period A**

<b>Warm up</b>	20	Quiz, Q&A, Student Report, Student Marking, Debriefing, Check home work etc.	
<b>Record Attendance</b>		Notes: attendance and concerns regarding specific student	
<b>Lesson Intro.</b>	10	Specific expectation (s)	A3.5
		Learning goals	<p>By the end of this lesson, students will be able to:</p> <ul style="list-style-type: none"> <li>- Find reasoning about the derivative of a product of two functions</li> <li>- The Product Rule</li> <li>- Applying the Product Rule</li> <li>- Connecting product rule to a more complex function</li> <li>- The Power of a Function Rule for Integers</li> <li>- Select a strategy to determine derivative of Rational Functions</li> </ul>
		Success Criteria	<p>By the end of this period students should:</p> <ul style="list-style-type: none"> <li>- Know or understand the concepts of The Product Rule</li> <li>- Use critical thinking to create, solve and analyze strategies to find the derivative at a point of complex functions using the power of a function rule</li> <li>- Communicate with appropriate notations for determining the derivative of a rational function</li> <li>- Apply connections between everything that was learned and problem arising in the real world problem</li> <li>- The students should be able to successfully answer and explain any questions from section taught in the class (AAL/Conversation)</li> <li>- The students should be able to successfully solve and represent any assigned questions from the lesson taught (AAL/Observation)</li> </ul>
<b>Lesson</b>	40	Learning Activities	Problem Solving Discussion Feedback
		Resources	Textbook: Calculus and Vectors (Nelson)
		Assessment and Evaluation	Assigned Textbook questions: Pg#90 1-10
<b>Application</b>	20		

**Period B**

<b>Warm up</b>	15		
<b>Lesson Intro.</b>		Specific expectation	A3.5

		Learning goals	By the end of this lesson, students will be able to: <ul style="list-style-type: none"> <li>- The Quotient Rule</li> <li>- Derive and Apply of the Quotient Rule</li> <li>- Determine the equation of a line segment to a rational function</li> <li>- Use the Quotient Rule to solve a problem</li> </ul>	
		Success Criteria	By the end of this period students should: <ul style="list-style-type: none"> <li>- Know or understand the concepts of the Quotient Rule</li> <li>- Use critical thinking to create, solve and analyze strategies to find the derivative at a point of complex functions using the quotient rule</li> <li>- Communicate with appropriate notations for determining the equation of a line segment to a rational function</li> <li>- Apply connections between everything that was learned and problem arising in the real world problem</li> <li>- The students should be able to successfully answer and explain any questions from section taught in the class (AAL/Conversation)</li> <li>- The students should be able to successfully solve and represent any assigned questions from the lesson taught (AAL/Observation)</li> </ul>	
	Lesson	55	Learning Activities	Problem Solving Discussion Feedback
			Resources	Textbook: Calculus and Vectors (Nelson)
		Assessment and Evaluation	Assigned Text book questions: Pg#112 17,24 28efgh Pg#114 4df	
Application	20	Student Teacher Discussion about the lesson, Exit Card		

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	x	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	x
Independent work (Teacher facilitated)	x	Guest Speaker / Interviews / Questions	
Group Work (Teacher facilitated)		Field Trip	
OTHER:		OTHER:	