Lesson # 6		Course Code		MCV4U	Date	14/1/20	Teacher	KAZI AHMED

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)	A2.1, A2.2, A2.3, A3.1, A3.2, A3.3
		Learning goals	By the end of this period, students will be able to: - Finish the Review of Prerequisite Skills for Unit 2 - Work with the properties of exponents - Simplify Radical and Rational Expressions - Find the slopes of parallel and perpendicular lines - Expand, factor and evaluate algebraic expressions - Work with difference quotient
		Success Criteria	By the end of this period students should: - 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#62 1-10
Application	20		

Period B

Warm up			
Lesson Intro.	15	Specific expectation	A2.1, A2.2, A2.3, A3.1, A3.2, A3.3
		Learning goals	By the end of this lesson, students will be able to: - Select a limit strategy to determine the derivative at a number

			- Connect the derivative of a function to an arbitrary value - Determine the derivative from the first principle - Select a strategy involving the derivative to determine the equation of a tangent - Do reasoning about the differentiability at a point
		Success Criteria	By the end of this period students should: - Know or understand the concepts of Derivatives - Use critical thinking to create, solve and analyze strategies to find the derivative at a point - Communicate with appropriate notations for reasoning about the differentiability at a point - 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	Learning Activities	Problem Solving Discussion Feedback
		Resources	Textbook: Calculus and Vectors (Nelson)
		Assessment and Evaluation	Assigned Text book questions: Pg#92 2,3 Pg#110 1,2,12
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:	