

TCA Daily Lesson Planner

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| Lesson # 1 | Course Code | MCV4U | Date | 9/1/20 | Teacher | C.BAHAR |
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Period A

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|--------------------------|----|--|---|
| 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) | |
| | | Learning goals | |
| | | Success Criteria | |
| Lesson | 40 | Learning Activities | Review of Prerequisite Skills (AFL) |
| | | Resources | Textbook: Calculus and Vectors (Nelson) |
| | | Assessment and Evaluation | Assigned Textbook questions: Pg#2 1-12 |
| Application | 20 | | |

Period B

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|----------------------|----|---|---|
| Warm up | 20 | Observation, conversation, debriefing follow up lesson taught in period A | |
| Lesson Intro. | 10 | Specific expectation | A1.1, A1.2, A1.3, A1.4, A1.5 |
| | | Learning goals | <p>By the end of this period, students will be able to:</p> <ul style="list-style-type: none"> - Have a good understanding of Radical Expressions and Slope of a Tangent (A1.1) - Know concepts of Rationalization and Rate of Change (A1.1) - Have a good understanding of Rates of Change (A1.3) - Know concepts of Rates of Change (A1.2, 1.3) - Graphically differentiate between average rate of change and instantaneous rate of change (A1.2, 1.4, 1.5) |
| | | Success Criteria | <p>By the end of this period students should:</p> <ul style="list-style-type: none"> - Know or understand the concepts of radical expressions and rationalization - 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 |

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| | | <ul style="list-style-type: none"> - 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 | 40 | Learning Activities Problem Solving Discussion Feedback |
| | | Resources Textbook: Calculus and Vectors (Nelson) |
| | | Assessment and Evaluation Assigned Text book questions: Pg#32 1-12 |
| Application | 20 | Student Teacher Conference |

| 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) | x | Field Trip | |
| OTHER: | | OTHER: | |