

TCA Daily Lesson Planner

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| Lesson # 4 | Course Code | MCV4U | Date | 9/3/20 | 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) | A1.4 |
| | | 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 the different properties of Limits - Use the limit properties to evaluate the limit of a polynomial function - Use the limit properties to evaluate the limit of a rational function - Use the limit properties to evaluate the limit of a root function - Selecting factoring, rationalizing and substitution strategy to evaluate limits - Reasoning of a limits existence |
| | | 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 different properties of Limits - Use critical thinking to create, solve and analyze strategies to evaluate limits - Communicate with appropriate notations for reasoning of a limits existence - 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 | 40 | Learning Activities | Problem Solving Discussion Feedback |
| | | Resources | Textbook: Calculus and Vectors (Nelson) |
| | | Assessment and Evaluation | Assigned Textbook questions: Pg#46 1-4, 6-9, 12, 13 |
| Application | 20 | | |

Period B

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| Warm up | 20 | Observation, conversation, debriefing follow up lesson taught in period A |
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| Lesson Intro. | 10 | Specific expectation | A1.5, A1.6 |
| | | Learning goals | By the end of this lesson, students will be able to: <ul style="list-style-type: none"> - Examine continuous functions and use limits to explain why a function is discontinuous - Reasoning about continuity at a point - Reasoning whether a function is continuous or discontinuous at a point |
| | | Success Criteria | By the end of this period students should: <ul style="list-style-type: none"> - Know or understand the concepts of continuity - Use critical thinking to create, solve and analyze continuity using limits - Communicate with appropriate notations for reasoning whether a function is continuous or discontinuous 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 | 40 | Learning Activities | Problem Solving Discussion Feedback |
| | | Resources | Textbook: Calculus and Vectors (Nelson) |
| | | Assessment and Evaluation | Assigned Text book questions: Pg#52 7, 12-15 Pg#60 8 |
| Application | 20 | Student Teacher Discussion about the upcoming unit test | |

| 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 | |

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| 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: | |