**Lesson Plan**

Bickett Week of: \_September 14 - 18, 2020\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

AP Calculus

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| **Daily**  **Agenda** | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| **Critical Vocabulary:** Direct Substitution, Indeterminate Form, Squeeze Theorem, Rationalizing, Continuous, One-Sided Limits, Continuity, Removable, Non-removable, Greatest Integer Function | | | | | |
| **Standard:**  LO1.1A(b): Interpret limits expressed symbolically.  LO1.1B: Estimate limits of functions.  LO1.1C: Determine limits of functions.  LO1.2A: Analyze functions for intervals of continuity or points of discontinuity.  LO1.1D: Deduce and interpret behavior of functions using limits.  LO1.2A: Analyze functions for intervals of continuity or points of discontinuity.  LO1.2B: Determine the applicability of important calculus theorems using continuity. | | | | | |
| **Learning Target**  Students will | Determine the vertical asymptote and the limit if it exists. | Analyze functions for intervals of continuity or points of discontinuity. | Determine the horizontal asymptote and the limit if it exists. | Determine the horizontal asymptote and the limit if it exists. | Determine the limit if it exists. |
| **Instructional Method(s)** | Lecture  Discussion  Technology | Discussion  Technology | Lecture  Discussion  Technology | Discussion  Technology | Discussion  Technology |
| **Strategies/**  **Activities** | Edpuzzle Video: Infinite Limits (1.5 notes) | Zoom Meeting; Breakout Rooms and Whole Group - Discuss Free-Response Questions | Edpuzzle Video: Limits at Infinity (3.5 Notes) | Zoom Meeting: Breakout Rooms and Whole Group - Discuss  Free Response Questions | MC Questions from AP online classroom |
| **Intended Homework** | Questions embedded into video | FRQ | Embedded questions in the video | Quiz 1.4-1.5 |  |
| **Formative Assessment** | Teacher Observation  Completed assignment | Teacher Observation  Completed assignment | Teacher Observation  Completed assignment | Teacher Observation  Completed assignment  Quiz | Teacher Observation  Completed assignment |
| **Summative Assessment Tentative Date:** | | | | | |
| **Modifications/Accommodations as Needed :** Prompting, cueing, modeling, paraphrasing, individual assistance, extra time, oral directions, peer tutoring | | | | | |

\*\*All plans are subject to change\*\*