

AP Calculus AB August 2020 Weekly Calendar

Monday	Tuesday	Wednesday	Thursday	Friday
17 First Day of School <u>Synchronous:</u> Day 1 Course Intro PowerPoint: (Syllabus/TEAMS/ Course Overview <u>Asynchronous:</u> Flipgrid/Get to Know you handout assignment	18 1.2 Find Limits Graphically <u>Synchronous:</u> Notes and Classwork <u>Asynchronous:</u> Complete classwork WS	19 1.3a Find Limits Algebraically <u>Synchronous:</u> Notes and Classwork <u>Asynchronous:</u> Complete classwork WS	20 1.3b Find Limits Algebraically day 2 <u>Synchronous:</u> Notes and Classwork <u>Asynchronous:</u> Complete classwork WS	21 1.2-1.3 Review <u>Synchronous:</u> Classwork and Practice <u>Asynchronous:</u> Complete classwork WS
24 1.2-1.3 Review <u>Synchronous:</u> Classwork and Practice <u>Asynchronous:</u> Complete classwork WS	25 1-4a—continuity <u>Synchronous:</u> Classwork and Practice <u>Asynchronous:</u> Complete classwork WS	26 1-4b—continuity continued <u>Synchronous:</u> Classwork and Practice <u>Asynchronous:</u> Complete classwork WS	27 iReady Testing	28 1-5—Limits approaching infinity (VA's) <u>Synchronous:</u> Classwork and Practice <u>Asynchronous:</u> Complete classwork WS
Aug 31 3-5—Limits at infinity (HA's) <u>Synchronous:</u> Classwork and Practice <u>Asynchronous:</u> Complete classwork WS	Sept 1 Chapter 1 Review Day 1 and test run of <u>Synchronous:</u> Review WS <u>Asynchronous:</u> Complete classwork WS	Sept 2 Chapter 1 Review Day 2 <u>Synchronous:</u> Review WS <u>Asynchronous:</u> Complete classwork WS	Sept 3 Chapter 1 Review Day 3 <u>Synchronous:</u> Review WS <u>Asynchronous:</u> Complete classwork WS	Sept 4 Chapter 1 (& 3.5) Limits Test

AP Calculus AB September 2020 Class Calendar

Monday	Tuesday	Wednesday	Thursday	Friday
<p>7</p> <p>Labor Day</p>	<p>8</p> <p>2.1 Definition of a Derivative</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Homework: 2.1 Definition of Derivative WS</p> <p>Unit 1 Classwork Assignment Due Today through Teams</p>	<p>9</p> <p>Asynchronous Day (No Live Classes)</p> <p>Live Review Session in the Calculus Help Session TEAMS Channel @ 7:30-8:30 am going over 2.1 HW and WS (not required, will be recorded)</p>	<p>10</p> <p>2-2a—Power Rule</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Homework: 2.2 Worksheet</p>	<p>11</p> <p>2-2b—PVA day</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Homework: 2.2b Worksheet</p>
<p>14</p> <p>Finish Particle Motion 2.2b & start 2.3 Product/Quotient Rule</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Homework: 2.2b Worksheet</p>	<p>15</p> <p>Review 2.3 & Begin Quiz Review 2.2-2.3</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Homework: PVA Review Problem</p>	<p>16</p> <p>Asynchronous Day (No Live Classes)</p> <p>Live Review Session in the Calculus Help Session TEAMS Channel @ 8:30-9:30 am going over 2.2-2.3 Quiz Review (not required, will be recorded)</p> <p>9:30am-10:30am Help session going over Ch. 1 Limits Test</p>	<p>17</p> <p>2.2-2.3 Quiz Review WS #2</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Homework: complete Review WS #2</p>	<p>18</p> <p>2.2-2.3 Quiz (Summative Grade)</p> <p>(covers Power Rule, PVA, Particle Motion, Product Rule, Quotient Rule)</p> <p>Morning Help Session 7:15-8:15am</p>
<p>21</p> <p>2.4 Chain Rule</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Homework: Chain Rule Worksheet #1</p>	<p>22</p> <p>2.5 Implicit Differentiation</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Homework: Implicit Diff. Worksheet #1</p>	<p>23</p> <p>Asynchronous Day (No Live Classes)</p> <p>Unit 2.1-2.3 Classwork Assignment Due Today through Teams</p> <p>8:30-9:30am 2.4-2.5 Review Session (Calc AB Help Sessions Teams Page)</p>	<p>24</p> <p>2.2-2.5 Test Review Day 1</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Homework: Finish Test Review WS #1</p>	<p>25</p> <p>Test Review Day 2/ 2.6 Related Rates Day 1</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Finish Test Review WS #1</p>
<p>28</p> <p>2.2-2.5 Test Review Day 3</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Homework: Finish Test Review WS #2</p>	<p>29</p> <p>Ch. 2.2-2.5 Test</p> <p>Morning help session 7:15am</p>	<p>30</p> <p>Asynchronous Day (No Live Classes)</p> <p>8:30-9:30am 2.2-2.5 Test Make-up Session (Calc AB Help Sessions Teams Page)</p>	<p>Oct 1</p> <p>2.6 Related Rates Day 2</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Homework: Complete Related Rates WS 2</p>	<p>Oct 2</p> <p>Related Rates Review</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Homework: Complete Related Rates Review WS</p>

AP Calculus AB October 2020 Class Calendar

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<p>5</p> <p>Related Rates Notes and review : Shadow Problem, L'Hopital's Rule, Linear Approximation</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Test Review WS</p>	<p>6</p> <p>Related Rates Test Review</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Test Review WS</p>	<p>7</p> <p>Asynchronous Day (No Live Classes)</p> <p>Live Review Session in the Calculus Help Session TEAMS Channel @ 8:30-9:30 am Related Rates Test Review</p>	<p>8</p> <p>3.1 Notes (Extreme Value Theorem)</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> 3.1 Worksheet HW</p>	<p>9</p> <p>Related Rates Test</p>
<p>12</p> <p>Columbus Day No School</p>	<p>13</p> <p>Teacher Workday</p>	<p>14</p> <p>3.2 Notes Mean Value Theorem & Rolle's Theorem</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> 3.2 Worksheet HW</p>	<p>15</p> <p>3.3 "First Derivative Test"</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> 3.3 Worksheet HW</p>	<p>16</p> <p>3.4 Concavity</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> 3.4 Worksheet HW</p>
<p>19</p> <p>3.1-3.4 Quiz Review</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Homework: 3.1-3.4 Quiz Review WS #1</p>	<p>20</p> <p>3.1-3.4 Quiz Review</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Homework: 3.1-3.4 Quiz Review WS #2</p>	<p>21</p> <p>3.1-3.4 Quiz Review</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> 3.1-3.4 Quiz Review WS</p> <p>Afternoon Teams Review 4pm</p>	<p>22</p> <p>3.1-3.4 Quiz</p> <p>Morning Review 7:15am</p>	<p>23</p> <p>Derivatives Graph and 3.6 Curve Sketching</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Derivative Graph and Curve Sketching WS</p>
<p>26</p> <p>Derivatives Graph and 3.6 Curve Sketching</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Derivative Graph and Curve Sketching WS</p>	<p>27</p> <p>3.7 Optimization</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Optimization WS #1</p>	<p>28</p> <p>3.7 Optimization (Day 2)/Test Review</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Test Review WS #1</p>	<p>29</p> <p>PSAT Day (Asynchronous Day)</p>	<p>30</p> <p>Ch. 3 Review Day 2</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Test Review WS #2</p>

AP Calculus AB November 2020 Class Calendar

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<p>2</p> <p>Chapter 3 Review Day</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Test Review WS #1</p>	<p>3</p> <p>Election Day</p> <p>Ch. 3.1-3.4 Quiz Recovery Assignment Due tonight 11:59pm</p>	<p>4</p> <p>Ch. 3 Review Day</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Test Review WS #2</p>	<p>5</p> <p>Ch. 3 Test</p> <p>Morning review 7:15 am</p>	<p>6</p> <p>5.1a Derivative Natural Logs Notes</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u>5.1 Classwork problems WS</p>
<p>9</p> <p>5.1b Log Differentiation/ Curve Sketching</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Classwork WS</p>	<p>10</p> <p>5.3 – Derivative of Inverse at a Point / 5.4 notes</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Classwork WS</p>	<p>11</p> <p>5.1-5.4 Review / 5.4 Exponential Function e^x</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Classwork WS</p>	<p>12</p> <p>5.5 Other Bases</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Classwork WS</p>	<p>13</p> <p>5.6</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Classwork WS</p>
<p>16</p> <p>Chapter 5 Test Review</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Classwork WS</p>	<p>17</p> <p>Chapter 5 Test Review</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Classwork WS</p>	<p>18</p> <p>Chapter 5 Test Review</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Classwork WS</p>	<p>19</p> <p>Chapter 5 Test</p>	<p>20</p> <p>Trig Derivatives</p> <p><u>Synchronous:</u> Notes and Classwork</p> <p><u>Asynchronous:</u> Classwork WS</p>
<p>23</p> <p>Thanksgiving Break</p>	<p>24</p> <p>Thanksgiving Break</p>	<p>25</p> <p>Thanksgiving Break</p>	<p>26</p> <p>Thanksgiving Break</p>	<p>27</p> <p>Thanksgiving Break</p>

AP Calculus AB December 2020 Class Calendar

Monday	Tuesday	Wednesday	Thursday	Friday
Nov 30 Trig Derivatives Review <u>Synchronous:</u> Notes and Classwork <u>Asynchronous:</u> Trig Worksheet HW	Dec 1 Trig Related Rates <u>Synchronous:</u> Notes and Classwork <u>Asynchronous:</u> Trig Worksheet HW	2 Trig Related Rates Review <u>Synchronous:</u> Notes and Classwork <u>Asynchronous:</u> Trig Worksheet HW	3 Inverse Trig Derivatives <u>Synchronous:</u> Notes and Classwork <u>Asynchronous:</u> Trig Worksheet HW	4 Trig Quiz Review <u>Synchronous:</u> Notes and Classwork <u>Asynchronous:</u> Trig Worksheet HW
7 Trig Quiz Review <u>Synchronous:</u> Notes and Classwork <u>Asynchronous:</u> Trig Worksheet HW	8 Trig Derivatives Quiz	9 Fall Exam Review Review Ch. 1 Limits, Ch. 2 Derivatives	10 Fall Exam Review Review Ch. 2.6 Related Rates, Derivative Graphs	11 Fall Exam Review Review Ch. 3 Curve Sketch, Theorems (EVT, Rolle's, MVT)
14 Fall exam Review Review Ch. 5 Logs/Exponentials, Miscellaneous	15 7th period exam Fall exam Review	16 1st period Exam, 3rd period Exam	17 2nd period Exam, 4th period Exam	18 6th period Exam, 5th period Exam