

Precalculus A Day Fall 2022/ Spring 2023

Monday

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Precalculus Delta Math <https://www.deltamath.com/students> code **C2LQ-4B9X**

August 2022				
8/29 A Day Algebra crimes & Precalculus MM Survey and Syllabus confirmation due by 9/2	8/30 B Day	8/31 A Day Unit 1 Multiple Representations! (AP) HW Enroll in delta math	9/1 B Day	9/2 A Day Circuit Training Review Group work and Explanation of "Parent Functions " extension (due 9/28) HW Quadratic Boot camp (due 9/13)
September 2022				
9/5 Labor Day HOLIDAY = No School! 	9/6 B Day	9/7 A Day Skill: Odd/even Basic Factoring and Solving Quadratics Review HW Quadratic Bootcamp (* no photo math) due 9/13	9/8 B Day	9/9 A Day Unit 1 Polynomials and rational inequalities (equations in factored form) and Start solving Number line analysis 1.1/1.2 HW Delta Math
9/12 B Day FLEX Starts!	9/13 A Day Skill: Odd/even continued Polynomials & Key Features of graphs ("The END is in site")	9/14 B Day (FLEX) IDS media center 11:30 9/14 and 9/15	9/15 A Day *** Polynomials and solving 1.3 part 2 (solving polynomials) #10-15 https://tutorial.math.lamar.edu/Problems/Calcl/Functions.aspx RR Thm & + /- cubes HW Delta Math 1.3 part 2	9/16 B Day

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	HW Delta Math 1.3 Part 1			
9/19 A Day Domain and (Practice solving and simplifying 37-42 and 26, 27) and Start HW Delta Math 1.3 Part 3 graphing rationals	9/20 B Day	9/21 A Day (FLEX) Rational functions Key features of Rational graphs and HA Discovery activity How much <i>anesthesia?</i> Start Group work (D/R) Finish 1.3 part 3 HW Delta Math	9/22 B Day	9/23 A Day Short Assessment Solving Polynomials and Math 1, 2, 3 Essentials Castle Learning Group summary time HW Parent Functions Extension Group Work due 9/28
9/26 Teacher Workday!!	9/27 B Day	9/28 A Day (FLEX) Parent Functions Extension Group Work Presentations HW Start Reviews in	9/29 B Day Interim Reports	9/30 A Day changed to Remote learning day no new material (Review Unit 1)

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		Castle Learning		
October 2022				
10/3 B Day	10/4 A Day Group work (D/R) Finish and Rational Functions Calculator Exploration! “The HOLE Truth” HW Castle Learning	10/5 Teacher Workday!!	10/6 B Day	10/7 A Day Inverses & Skill: Avg RoC and DQ #1-9 extra https://tutorial.math.lamar.edu/Problems/CalcI/Functions.aspx HW Castle Learning Inverses and reviews
10/10 B Day	10/11 A Day 1.6 Transformations of parent Functions and Piecewise Functions HW Delta Math 1.5/1.6	10/12 (FLEX) B Day	10/13 A Day Absolute Value as piecewise Functions HW How do we study math Do problems! (topics given for test today)	10/14 B Day

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			Finish Castle Learning Review and review notes and HW	
10/17 A Day SUB Unit 1 Review complete in class Delta math (some review unit 1) Finish all Castle Learning! HW Precalculus Readiness Assessment Due 10/19	10/18 B Day	10/19 A Day FLEX Unit 1 Assessment all of unit 1 HW Precalculus Readiness Assessment attempt #2 (this goes on this grading period)	10/20 B Day	10/21 A Day Exponentials and Logs 2.1 Log properties and evaluating HW Delta math 2.1
10/24 B Day	10/25 A Day Exponentials and Logs (solving equations) HW Delta math 2.2	10/26 B Day “FLEX day”	10/27 A Day Exponentials and Logs 2.3- 2.5 Mixed	10/28 B Day 

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	HW Make sure 2nd attempt on Readiness Assessment complete will close 10/26	2.1- 2.2 HW and readiness assessment last grades on the grading period!	NO HW but Castle Learning Assignment open*	End of Grading Period
November 2022				
10/31 Teacher Workday  Halloween	11/1 A Day Exponentials and Logs Graphs Castle Learning Logs and & exponential HW due 11/3	11/2 B Day Pre ACT	11/3 A Day Short Group Assessment Exponentials and Logs 50 Points Castle Learning Logs and & exponential HW due today !	11/4 B Day Report Cards
11/7 A Day Unit 3 "Getting Triggy with it"	11/8 Teacher Workday!	11/9	11/10 A Day 3.2 Trig Ratios for all 6 Trig Functions and	11/11 Veteran's Day Observation HOLIDAY = No School! 

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HW Solving right Triangles Review handout!	Special right Triangles Review handout DUE by Thursday !		simple Identities and start Radians HW start Delta math 3.2 (Part 1)	
11/14	11/15 A Day Radians and Degrees and intro (inverses) Start HW Delta math 3.2 (Part 1)	11/16	11/17 A Day 3.1 Coming Full circle! (not the unit circle) and start summary! HW Delta math 3.1 and 3.2 part 2	11/18 Quick Fire quizzes start next week!

November 2022

11/21 A day Graphing Calculator Day Practice and check all answers in class!	11/22	11/23 No School	11/24 No School Thanksgiving	11/25 No School  Black Friday!
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NO Desmos (just graphing calc) NO HW if on pace!				
11/28 A Day Sine and Cosine Graphs start HW Delta math 3.3	11/29	11/30 A Day Quick Fire #1 and 3.2 Trig ratios of any angle (Reference Angles) Group work HW continue with Delta math 3.1 & 3.2 part 2	12/1	12/2 A Day QF 3.3 Graphs of Trig Functions and Transformations sine and cosine HW Delta math 3.3
December 2022				
12/5	12/6 A Day 3.3 Graphs of 2 other Trig Functions tangent and cotangent HW Delta math 3.3	12/7	12/8 A Day QF 3.3 Graphs of final 2 Trig Functions and transformations Finish 3.1-3.3 HW in delta math and start review in Delta Math	12/9 Test is 12/16
12/12 A Day! 3.4 Verifying Trig Identities (part 2 trig)	12/13	12/14 A Day! FLEX Quick Fire #4 Trig Part 1 review	12/15	12/16 A Day! Trig Assessment Part 1

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HW Trig Handout (due 1/6) 3.3 Delta math Due!		& Summary Trig Parent Functions! If no questions (Doublets) Finish delta math REVIEW	Interim Reports	3.1-3.3 60 minute Quiz if you know exact values! NO HW if on pace :) Delta Math Review due all QF corrections due by 12/20
12/19	12/20 A Day! Inverse Trig Graphs and practice NO HW Vacation Starts at 3:40 pm Merry Christmas &  ENJOY your Break !!!	12/21 Teacher Workday		
January 2023				
1/2 No School Happy New Year!	1/3 B Day!	1/4 A Day!! Finish Inverse Trig practice HW Finish HO #1 for 3.4 and all test corrections due Friday	1/5	1/6 A Day!! 3.4 Verifying More difficult Trig Identities HW Identities HO #2 Trig Test Part 1 TEST corrections due today! and exam review posted
1/9	1/10 A Day!! Midterm exam review Finish Midterm Exam	1/11	1/12 A Day Midterm exam 85 minutes	1/13 1st Block EOC's

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	Review		last day to turn in 3.4 HW (2 options day 1 or day 2)	
1/16 No School MLK Holiday	1/17 2nd Block EOC's	1/18 3rd Block EOC's	1/19 4th Block EOC's	1/20 Make up EOC's End of Grading Period

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1/23 Teacher Workday	1/24 Teacher Workday	1/25 2nd Semester Starts A Day 3.4 Day 3 Verifying Identities (puzzle and more examples) HW 3.4 HO #1-14 Show work on separate paper due 1/31	1/26	1/27 A Day 3.5 Solving Simple Trig Equations part 1 HW Start solving equations #1 HO #1-12 due 2/2
February 2023				
1/30 Report Cards	1/31 A Day! Trigonometric Magic Square! HW finish solving equations HO #1-12	2/1	2/2 A Day! 3.4 Sum and difference Identities & multiple angles HW Start Solving trig equations #2 1-20 due 2/10	2/3
2/6 A Day! 3.5 Solving more difficult Trig equations part 2 3.4 Double angles HW Finish Trig equations #2 1-20 due 2/10	2/7	2/8 A Day! Solving Trig Equations with a calculator! HW Unit 3 Trig Practice due 2/16	2/9	2/10 A Day! Unit 3 Assessment REVIEW "Shoot out" https://tutorial.math.lamar.edu/Extras/AlgebraTrigReview/SolveTrigEqn.aspx HW FINISH Unit 3 Trig Practice due 2/16
2/13	2/14 A Day! Catch up Day!!! Calculator day DMS 	2/15	2/16 A Day! Unit 3 Part 2 Trig Assessment NO HW	2/17

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2/20 Teacher Workday	2/21 A Day Unit 4 Law of sines HW Start Castle Learning law of sines and Cosines	2/22	2/23 A Day Unit 4 Law of sines Ambiguous Case HW Castle Learning law of sines and Cosines due by 2/28 11pm	2/24
March 2022				
2/27 A Day Unit 4 Law of Cosines HW Finish Castle Learning law of sines and Cosines and start DM	2/28 Interim Reports	3/1 A Day FLEX (TC -4 or -5) Area of Oblique Triangles HW DM Review Due before the TEST	3/2	3/3 A Day Unit 4 Assessment Calculator Active on DM NO HW (Study for ACT)
3/6	3/7 A Day ACT	3/8	3/9 A Day Conics Circles Precal Style DM HW due by 3/10 11pm	3/10
3/13 A Day Ellipses DM HW due by 3/14 11pm	3/14	3/15 A Day last FLEX (TC -4 or -5) Hyperbolas & start parabolas DM HW due by 3/16 11pm	3/16	3/17 A Day Library day (10th/11th registration) Parabolas DM HW due by 3/20 11pm
3/20	3/21 A Day Conics Unit Review and finish parabolas DM (due before Test 3/23)	3/22	3/23 A Day Conics Assessment Calculator Active on DM Last grade on grading period	3/24

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3/27 A Day Mr . Gerken Vectors End of Grading Period	3/28 Teacher Workday!	3/29 B Day	3/30 A Day Parametric day 1 Handout (show work on separate paper) (check answers in canvas) Turn in on 4/5	3/31 B Day Report Cards
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April 2023				
4/3 A Day Parametric day 2 Handout (check answers in canvas) Turn in on 4/5	4/4 B Day	4/5 A Day Parametric HW due today Polar Day 1 Handout (check answers in canvas) Turn in on 4/21	4/6 B Day Spring Break Next Week	4/7 Good Friday Holiday No School
4/17 A Day Polar Day 2 Handout (check answers in canvas) Turn in on 4/21	4/18 B Day	4/19 A Day P/P review Finish polar HW due 4/21	4/20 B Day	4/21 A Day P/P Assessment Calculator Active NO HW AP Exam prep
4/24 B Day	4/25 A Day Sequences/Series NO HW Use your time for AP Exam prep	4/26 B Day	4/27 A Day Sequences/Series NO HW Use your time for AP Exam prep	4/28 B Day
May 2023				
5/1 A day AP Exams Group Activity Solving all Equations AP Gov AP Chemistry	5/2 B Day APES AP Psychology NO HW due to AP exams	5/3 A Day AP Lit AP Gov(c) and AP CS A Group Activity Solving all Equations	5/4 B Day AP Human and AP Macro AP Stats and AP Seminar NO HW due to AP exams	5/5 A Day APush and AP Euro AP Art History and Micro Group Activity Due Today!

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May 2023				
5/8 AP calculus AB/BC AP EXAM NO HW due to AP exams Delta Math part 1 and 2 open if no AP exam	5/9 A Day AP Lang Exam Group Activity Solving all Equations Interim Reports	5/10 AP Bio Exam NO HW due to AP exams Delta Math part 1 and 2 open if no AP exam	5/11 A Day AP World Exam Systems and Partial Fraction Decomposition Delta Math part 1 and 2 should be working on part 1	5/12
5/15 A Day EXAM Review (Paper) HW exam Review DM (2 parts) and Paper skill work	5/16	5/17 A Day FLEX (equations help) Matrices and Systems HW exam Review DM	5/18	5/19 A Day (Senior Walk 1st block) LIMITS HW exam REview DM
5/22	5/23 A Day Limits HW Precalculus Final Exam REVIEW Delta math part 1 Due Friday!	5/24 ****Corrections for group ACTIVITY due	5/25 A Day Limits group Assessment Precalculus Final Exam REVIEW (after today no possibility of 70/70)	5/26 Delta math part 1 Due Today!
5/29 Memorial Day Holiday No school!	5/30 A Day EXAM Review (Paper skill work) Questions on DM HW finish Paper skill work and finish Delta math part 2	5/31 Delta math part 2 Due Today 11 pm I am after school today for help!	6/1 A Day 2nd Block and 4th Block Teacher made Exams Precalculus Final Exam 10-11:45 105 minutes 40 MC questions with a calculator!	6/2 B Day Teacher made Exams 1st Block and 3rd Block

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June 2023				
6/5 A Day! M-F are full school days 1st Block Exams (EOC and CTE) Report to 2nd block after morning exam 2nd BLOCK pm Movie while going over final	6/6 2nd Block Exams (EOC and CTE) Report to 3rd block after morning exam 3rd BLOCK pm	6/7 3rd Block Exams (EOC and CTE) Report to 4th block after morning exam 4th BLOCK pm GRADUATION!!!	6/8 4th Block Exams (EOC and CTE) Report to 1st block after morning exam	6/9 Last Day (half day) of School! End of grading period!