

Trigonometry

2009-2010

1st 9 Weeks

Week 1

August 17

lunes	
martes	
miércoles	
jueves	First Day of School-Check out books. 1.1 p. 11, 1-12 all
viernes	1.1 Angles, Degrees, Special Triangle p. 11, 14-36 even

Week 2

August 24

lunes	1.1 p. 12, 38-66 even
martes	1.2 Cartesian Coordinate System, Graphing p. 27, 2-28 even
miércoles	1.2 p. 27, 30-50 even
jueves	1.2 p. 29, 56-76 even
viernes	Tech Project

Week 3

August 31

lunes	1.3 Def. I—Six Trig functions p. 35, 2-42 even
martes	1.3 p. 36, 44-72 even
miércoles	1.4 Trig Identities; p. 43, 2-26 even
jueves	1.4 p. 43, 28-48 even and 60
viernes	Tech Project

Week 4

September 7

lunes	Labor Day – No School
martes	1.5 Operations using trig identities p. 49, 2-46 even
miércoles	1.5 p. 48, 48-86 even
jueves	Chapter Review p. 51, 2-32 even
viernes	Review

Week 5

September 14

HOMEcomings WEEK

lunes	Chapter 1 Test Multiple Choice
martes	2.1 Def. II—Right Triangle Trig. p. 62, 2-16 even
miércoles	2.1 p. 63, 18-44 even
jueves	2.1 p. 63-64, 46-78 even
viernes	Homecoming Parade

Subject to change by instructor

Week 6
September 21

lunes	2.2 Trig with degrees, minutes, seconds p. 71, 2-66 even
martes	2.2 p. 72, 68-98 even
miércoles	FFA ACTIVITY—MAKE A DIFFERENCE DAY
jueves	2.3 Solving Right Triangles p. 80, 2-32 even
viernes	Tech Project

Week 7
September 28

lunes	2.3 p. 81, 34-52 even
martes	2.3. p. 82, 54-58 even, 59-68 all
miércoles	2.4 Applications using Trigonometry p.91, 2-20 even
jueves	2.4 p. 94, 22-32 even
viernes	Tech Project

Week 8
October 1

lunes	2.4 p. 97, 35-42 all
martes	2.5 Vectors using geometry p. 107, 2-28 even
miércoles	2.5 p. 109, 30-48, even, 49-54 all
jueves	Review p. 113, 2-40 even
viernes	Review

Week 9
October 12

lunes	Test Chapter 2 Multiple Choice
martes	3.1 Reference Angles p. 124, 2-48 even
miércoles	3.1 p.124, 50-80, even, 81-90 all
jueves	3.2 Radians and Degrees p. 132-133, 2-24 even, 25-28 all
viernes	End of 9 weeks

Week 10

lunes	
martes	
miércoles	
jueves	
viernes	

Subject to change by instructor

2nd 9 Weeks

Week 1
October 19

lunes	3.2 p. 133-134, 30-70, even
martes	3.2 p. 134, 72-80 even, 81-88 all
miércoles	3.3 Definition III—Circular Functions p. 142, 2-26, even
jueves	3.3 p. 142, 28-46 even, 47-54 all
viernes	NO SCHOOL

Week 2
October 26

lunes	3.4 Arc Length and Area of a Sector p. 150, 2-18 even
martes	3.4 p. 151, 20-50 even
miércoles	3.4 p. 152, 51-58 all
jueves	3.5 Velocities p. 159, 2-34 even
viernes	NO SCHOOL

Week 3
November 2

lunes	Student Activity-Eco Meet, Desktop
martes	3.5 p. 161, 36-54 even
miércoles	3.5 p. 162, 55-62
jueves	Review p. 166, 1-51 odd
viernes	Review

Week 4
November 9

lunes	Chapter 3 Test Multiple Choice
martes	4.1 Basic Graphs p. 181, 1-6 all
miércoles	4.1 p. 181, 7-16, 17, 18, 22
jueves	4.1 p. 181, 23, 24, 27, 28, 30-37 all
viernes	Tech Project

Week 5
November 16

lunes	4.1 p. 182, 39-44 all
martes	4.1 p. 183, 49-62
miércoles	4.2 Amplitude and Period p. 198-199, 2-22 even
jueves	4.2 p. 199, 24-60 even
viernes	4.2 p. 201, 63-78 all

Subject to change

Week 6
November 23

lunes	4.3 p. 212-213, 2-22 even
martes	4.3 Phase Shift p. 212-213, 24-52 even
miércoles	No School -- Thanksgiving
jueves	No School -- Thanksgiving
viernes	No School -- Thanksgiving

Week 7
November 30

lunes	4.3 p. 214, 53-60
martes	4.4 Finding an equation from its graph p. 221, 2-30 even
miércoles	4.4 p. 225, 33-44 all
jueves	4.5 Graphing combinations of functions p. 228, 2-20 even
viernes	Tech Project

Week 8
December 7

lunes	4.5 p. 229, 27-36 all
martes	4.6 Inverse Trig functions p. 238, 2-8 even, 20-38 even
miércoles	4.6 p. 239, 40-78 even
jueves	4.6 p. 240, 79-90 all
viernes	Review p. 243, 2-38

Week 9
December 14

lunes	Review
martes	Chapter 4 Test
Miércoles	Activity
jueves	Activity
viernes	Christmas Break

Week 10

lunes	
martes	
miércoles	
jueves	
viernes	

Subject to change by instructor

2nd Semester

3rd 9 Weeks

Week 1

January 4

lunes	5.1 Proving identities p. 253, 2-28 even
martes	5.1 p. 254, 30-50
miércoles	5.1 p. 255, 52-62 even
jueves	5.1 p. 256, 83-92 all
viernes	Tech Project

Week 2

January 11

lunes	5.2 Sum and difference formula; p. 263-264, 2-25 even
martes	5.2 p. 265, 44-58 even
miércoles	5.2 p. 266, 63-74
jueves	5.3 Double-angle formula; p. 272, 2-28 even
viernes	Tech Project

Week 3

January 18

lunes	5.3 p. 272-273, 30-56 even
martes	5.4 Half-angle formulas;p. 278, 2-26 even
miércoles	5.4 p. 279, 28-36 even
jueves	5.4 p. 289, 49-58 all
viernes	Tech Project

Week 4

January 25

lunes	5.5 Additional Identities; p. 285, 1-12 all
martes	5.5 p. 285, 14-30 even
miércoles	Review p. 2-34 even
jueves	Review
viernes	Test 5

Week 5

February 1

lunes	6.1 Solving Trigonometric Equations p. 296, 2-26 even
martes	6.1 p. 297, 28-46 even
miércoles	6.1 p. 298, 55-70 all
jueves	6.2 More on Trig Equations p.304, 2-24 even
viernes	6.2 p. 304 26-38 even

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Trigonometry
3rd 9 Weeks
Week 6
February 8

lunes	6.2 p. 305, 53-62 all
martes	6.3 Trig Equations with multiple angles p. 309, 2-18 even
miércoles	6.3 p. 310, 20-44 even
jueves	6.3 p. 313, 53-66 all
viernes	6.4 Parametric Equations, p. 321, 2-26 even

Week 7
February 15

lunes	NO SCHOOL—TEACHER INSERVICE
martes	6.4 p. 323, 29-38 all
miércoles	Review p. 325 2-20 even
jueves	Review
viernes	Chapter 6 Test

Week 8
February 22

lunes	7.1 The Law of Sines p. 335, 2-22 even
martes	7.1 p. 336, 24-36 even
miércoles	7.1 p. p. 339, 39-52 all
jueves	7.2 The Ambiguous Case p. 344, 2-20 even
viernes	NO SCHOOL

Week 9
March 1

lunes	7.2 p. 345, 21-26 all
martes	7.2 p. 346, 27-36 all
miércoles	7.3 The Law of Cosines p. 351. 2-18 even
jueves	7.3 p. 351, 19-28 all
viernes	Tech Project End of 3 rd 9 Weeks

Week 10

lunes	
martes	
miércoles	
jueves	
viernes	

Subject to change by instructor

4th 9 Weeks

Week 1

March 8

lunes	7.3 p. 352, 29-38 all
martes	7.4 The area of a triangle p. 358, 2-22 even
miércoles	7.4 p. 358, 23-30 all
jueves	7.5 Vectors p. 368, 2-28 even
viernes	7.5 p. 369, 30-42 even

Spring Break March 15-19

Week 2

March 22

lunes	7.5 47-52 all
martes	Review 2-36 even
miércoles	Review
jueves	Chapter 7 Test
viernes	Tech Project

Week 3

March 29

lunes	8.1 Complex Numbers p. 383, 2-34 even
martes	8.1 p. 383, 36-72 even
miércoles	8.1 p. 384, 87-96 all
jueves	8.2 Trigonometric form for complex numbers p. 389, 2-30 even
viernes	NO SCHOOL – GOOD FRIDAY

Week 4

April 5

lunes	NO SCHOOL – EASTER BREAK
martes	8.2 p. 389, 32-54 even
miércoles	8.2 p. 390, 61-72 all
jueves	8.3 Products and Quotients in Trig form p. 394, 2-32 even
viernes	8.3 p. 395, 34-58 even

Week 5

April 12

lunes	8.3 p. 59-70 all
martes	8.4 Roots of Complex Numbers p. 401 2-22 even
miércoles	8.4 p. 402, 24-36 even
jueves	8.4 p. 402, 37-46 all
viernes	8.5 Polar Coordinates p. 411, 2-26 even

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4th 9 Weeks
 Week 6
 April 19

lunes	8.5 p. 412, 28-56 even
martes	8.5 p. 412, 57-62 all
miércoles	8.6 Equations in Polar Coordinates and graphs p. 420, 2-22 even
jueves	8.6 p. 420, 24-36 even
viernes	Tech Project

Week 7
 April 26

lunes	8.6 p. 421, 37-42 all
martes	Review p. 425 2-42 even
miércoles	Review
jueves	Chapter 8 Test
viernes	Tech Project

Week 8
 May 3

lunes	A. 1 Exponential Functions p. A-8, 2-24 even
martes	A. 1 p. A-9, 26-36 even
miércoles	A.2 Logarithms are Exponents p. A-16, 2-40 even
jueves	A. 2 p. A-17, 42-48 even
viernes	Tech Project

Week 9
 May 10

lunes	A.3 Properties of Logarithms p. A 20, 2-34 even
martes	A.3 p. A-21, 36-54 even
miércoles	A.4 Common Logs and Natural Logs p. A-26, 2-24
jueves	A.4 p. A-27, p. 26-56 even
viernes	Tech Project

Week 10
 May 17

lunes	A.5 Exponential Equations and Change of Base p. A-32, 2-32 even
martes	A.5 p. A-32, 34-42 even
miércoles	Hand in books—Mancala Tournament
jueves	Mancala Tournament
viernes	Last Day of School

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