

			Lesson Topic	Homework Assignment	Where HW can be found
Unit 1: Function Sense					
W	22-Aug	A			
Th	23-Aug	B	Course Syllabus, Log on to MathXLforSchool.com; Activity 1: Equivalence, Activity 2: Mathematical Properties	S1 Equivalence, S2 (Inverse and Identity Properties)	Mr. Long's website Unit 1
F	24-Aug	A			
Sa	25-Aug				
Su	26-Aug				
M	27-Aug	B	<b>Lesson 1-1:</b> Functions and Notation; Activity 1.1: <i>Parking Problems</i> , Activity 1.2: <i>Fill'er Up</i>	HW 1-1 and 1-2 (online)	Math XL for School
T	28-Aug	A			
W	29-Aug	B	<b>Lesson 1-2:</b> Function Equations, Domain, Range Activity 1.3: <i>Graphically Speaking</i> , Activity 1.4: <i>Stopping Short</i>	HW 1-3 and 1-4 (online)	Math XL for School
Th	30-Aug	A			
F	31-Aug	B	<b>Lesson 1-3:</b> Activity 1.5: <i>Graphs Tell Stories</i> Activity 1.6: <i>Walking for Fitness</i>	HW 1-5 and 1-6 (online)	Math XL for School
Sa	1-Sep				
Su	2-Sep				
M	3-Sep		Labor Day		
T	4-Sep	A			
W	5-Sep	B	<b>Lesson 1-4:</b> Activity 1.7: <i>Depreciation</i> Activity 1.8: <i>A New Camera</i>	HW 1-7 and 1-8 (online)	Math XL for School
Th	6-Sep	A			
F	7-Sep	B	<b>Lesson 1-5:</b> Activity 1.9: Skateboard Heaven Lab 1: Linear patterns and Paired Data,	HW 1-9	Math XL for School
Sa	8-Sep				
Su	9-Sep				
M	10-Sep	A			
T	11-Sep	B	<b>Lesson 1-6:</b> Activity 1.11: <i>Moving Out</i> , S3 (Suppl. Activity S3: (2x2 Syst of Linear equations)	Activity 1.11 Practice	Website Unit 1 Homework and Math XL for School
W	12-Sep	A			

Th	13-Sep	B	<b>Lesson 1-7:</b> Activity: 1.13: (3x3 systems)	1.13 Practice	Website Unit 1 Homework and Math XL for School
F	14-Sep	A			
Sa	15-Sep				
Su	16-Sep				
M	17-Sep		Professional Development		
T	18-Sep	B	<b>Lesson 1-8:</b> Activity 1.15: (Inequalities) <i>How Long Can You Live ?</i>	Activity 1.15 Practice	Website Unit 1 Homework and Math XL for School
W	19-Sep	A			
Th	20-Sep	B	<b>Lesson 1-9:</b> Unit 1 Review	(Unit 1 Test) (Open 9/20 thru 9/24)	Website Unit 1 Homework
F	21-Sep	A			
Sa	22-Sep				
Su	23-Sep				
<b>Unit 2: The Algebra of Functions</b>					
M	24-Sep	B	<b>Lesson 2-1:</b> Activity 2.1, Suppl. Activity S5: Add "Like" Things (polynomials)	Activity 2.1, S5	Website Unit 2 Homework and Math
T	25-Sep	A			
W	26-Sep	B	<b>Lesson 2-2</b> Suppl. activity S6: Exponent Review,	S6 homework	Website Unit 2 Homework
Th	27-Sep	A			
F	28-Sep	B	<b>Lesson 2-3:</b> Suppl. Activity S7: Polynomial Multiplication and Suppl. Activity S8: Polynomial Division	S7 and S8 homework	Website Unit 2 Homework
Sa	29-Sep				
Su	30-Sep				
M	1-Oct	A			
T	2-Oct	B	<b>Lesson 2-4:</b> Suppl. Activity S9: <i>Simplify, add, and Subtract Radicals</i>	S9 homework	Website Unit 2 Homework
W	3-Oct	A			
Th	4-Oct	B	<b>Lesson 2-5:</b> Suppl. Activity S10: <i>Multiply Radical, Suppl. Activity S11:</i> <i>Divide Radicals</i>	S10 and S11 homework	Website Unit 2 Homework
F	5-Oct	A			

Sa	6-Oct				
Su	7-Oct				
M	8-Oct	B	<b>Lesson 2-6:</b> Suppl. Activity S12: Rational Exponents, Activity 5.8: Solve Rational Equations: Falling Objects	S12 homework, 5.8 textbook	Website Unit 2 Homework, and Math XL for School
T	9-Oct	A			
W	10-Oct	B	<b>Lesson 2-7:</b> Unit 2 Review, suppl lab 2: radical expressions	(Unit 2 Test) (Open 10/10 thru 10/15)	Website Unit 2 homework
Th	11-Oct	A			
F	12-Oct	B			
Sa	13-Oct				
Su	14-Oct				
<b>Unit 3: Exponential and Logarithmic Functions</b>					
M	15-Oct	A			
T	16-Oct	B	<b>Lesson 2-8:</b> Midterm Review #1		Website Unit 2 homework
W	17-Oct	A			
Th	18-Oct		UEA		
F	19-Oct		UEA		
Sa	20-Oct				
Su	21-Oct				
M	22-Oct	B	<b>Lesson 2-9:</b> Midterm Review #2		Website Unit 2 homework
T	23-Oct	A			
W	24-Oct	B	<b>Mid-term Exam</b>		
Th	25-Oct	A			
F	26-Oct	B	End of 1st Term <b>Lesson 3-1</b> Suppl. Activity 13: Composition of Functions, Supplemental Lab 3: Inverse Operations	Textbook 2.7, 2.8, website S13 Homework	Website Unit 3 Homework
Sa	27-Oct				
Su	28-Oct				
M	29-Oct				
T	30-Oct	A			

W	31-Oct	B	<b>Lesson 3-2:</b> Activity 2.7: Study Time (Inverse relations and Compose Inverse Functions), Activity 2.8: Temperature Conversions		Math XL for School
Th	1-Nov	A			
F	2-Nov	B	<b>Lesson 3-2:</b> Activity 3.1: (Exponential Growth) <i>Prince George and Dracula</i> , Activity 3.2: (Exponential Decay) <i>Half-life of Medicine</i>	textbook 3.1, 3.2	Math XL for School
Sa	3-Nov				
Su	4-Nov				
M	5-Nov	A			
T	6-Nov	B	<b>Lesson 3-3:</b> Activity 3.3: National Debt, Activity 3.4: Population Growth, Suppl. Activity S14 (more exp'l growth and decay)	textbook 3.3, 3.4, website S14	Website Unit 3 Homework and Math XL for School
W	7-Nov	A			
Th	8-Nov	B	<b>Lesson 3-4:</b> Activity 3.5: <i>Time is Money</i> Activity 3.6: <i>Continuous Growth and Decay</i>	textbook 3.5, 3.6	Math XL for School
F	9-Nov	A			
Sa	10-Nov				
Su	11-Nov				
M	12-Nov	B	<b>Lesson 3-5:</b> Supplemental Activity 15: <i>Introduction to Logarithms</i>	S15	Website Unit 3 Homework
T	13-Nov	A			
W	14-Nov	B	<b>Lesson 3-6:</b> Activity 3.9: <i>Pedestrian Walking Speeds</i> Supplemental Lab 4: <i>Exponential and Logarithm Graphs, reviewed basic factoring</i>		Website Unit 3 Homework and Math XL for School
Th	15-Nov	A			
F	16-Nov	B	<b>Lesson 3-7:</b> Review Unit 3	(Unit 3 Test) (Open 11/16 thru 11/20)	
Sa	17-Nov				
Su	18-Nov				
<b>Unit 4: Rational Expressions</b>					
M	19-Nov	A			
T	20-Nov	B	<b>Lesson 4-1</b> Suppl. Activity 16: <i>Factoring review, simplify rational expressions</i>	S16	Website Unit 4
W	21-Nov				

Th	22-Nov				
F	23-Nov				
Sa	24-Nov				
Su	25-Nov				
M	26-Nov	A			
T	27-Nov	B	<u>Lesson 4-2</u> Supplemental Activity 18: <i>Add and Subtract Rational Expressions</i>	S18	Website Unit 4
W	28-Nov	A			
Th	29-Nov	B	<u>Lesson 4-3</u> Suppl. Activity 17: <i>Multiply and Divide Rational Expressions</i>	S17	Website Unit 4
F	30-Nov	A			
Sa	1-Dec				
Su	2-Dec				
M	3-Dec	B	<u>Lesson 4-4</u> Suppl. Activity 19 (Solve Rational Equations): Activity 5.5: <i>Traffic Flow</i> , Activity 5.6: <i>Electrical Circuits</i>	S19	Website Unit 4 and Math XL for School
T	4-Dec	A			
W	5-Dec	B	<u>Lesson 4-5</u> Suppl. Lab 5: <i>Modeling with Rational equations</i> Suppl. Lab 6: <i>Rational Equations compared to Rational Expressions</i>		Website Unit 4
Th	6-Dec	A			
F	7-Dec	B	<u>Lesson 4-6</u> : Unit 4 Review	(Unit 3 Test) (Open 12/7 thru 12/12)	Website Unit 4
Sa	8-Dec				
Su	9-Dec				
Unit 5: Quadratic Functions					
M	10-Dec	A			
T	11-Dec	B	<u>Lesson 5-1</u> : Activity 4.1 <i>Baseball and Willis Tower</i> , Suppl. Activity 21 <i>Transformations of functions</i>	4.1 textbook, S21 (website)	Website Unit 5, Math XL for School
W	12-Dec	A			
Th	13-Dec	B	<u>Lesson 5-2</u> : Activity 4.2 <i>The Shot Put</i> , Activity 4.3 <i>Percapita Income</i> ,	4.2 and 4.3; textbook	Website Unit 5
F	14-Dec	A			
Sa	15-Dec				

Su	16-Dec				
M	17-Dec	B	<b>Lesson 5-3:</b> Suppl. Activity 22 <i>Complete the Square</i> Suppl. Activity 23: <i>Zero Product Property</i>	S22, S23	Website Unit 5
T	18-Dec	A			
W	19-Dec	B	<b>Lesson 5-4:</b> Practice Factoring Activity 4.5: <i>Price of Gold</i>	4.5, course review packet	Website Unit 5
Th	20-Dec	A			
F	21-Dec		Winter Break		
			Winter Break		
M	31-Dec		Winter Break		
T	1-Jan		New Year's Day		
W	2-Jan	B	<b>Lesson 5-5:</b> Supple. Activity 24 <i>Imaginary Numbers</i> , Review Units 1 and 2	Unit 1 and 2 Review Homework, S24	Website Unit 5 Homework
Th	3-Jan	A			
F	4-Jan	B	<b>Lesson 5-6:</b> Final Review	Final Review Homework	Website Unit 5 Homework
Sa	5-Jan				
Su	6-Jan				
M	7-Jan	A			
T	8-Jan	B	<b>Final Exam</b>		
W	9-Jan	A			
Th	10-Jan	B	End of 1st Semester		



