

Algebra 2 Power Essentials

Fall 2025

Dr. Witt

sharon.witt@hpstigers.org

[Class Syllabus](#)
[Power Essentials / Learning Targets](#)

Other teachers who can help me with this class:

Mr. Ortegren - Rm 216
Ms. Sanchez - Rm 210
Ms. Priestly - Rm 210

[Sept 1](#) [Sept 9](#) [Sept 15](#) [Sept 23](#) [Sept 30](#) [Oct 6](#) [Oct 14](#)
[Oct 27](#) [Nov 3](#) [Nov 11](#) [Nov 17](#) [Nov 25](#) [Dec 2](#) [Dec 8](#) [Dec 16](#)

Power Essentials and Learning Targets:

Date	Power Essential	Learning Target	In-Class	Assignments	Activities for Success
Friday August 15	Unit 1: I can analyze and graph linear and absolute value equations.	LT#1: I can find the slope and y-intercept of a linear function. LT#2: I can graph a linear	PreReq Review		PreReqAnsKey Videos: - Slope - Y-intercept - Graph m & b

Date	Power Essential	Learning Target	In-Class Activities	Assignments	Activities for Success
		function in slope-intercept form.			
Tuesday August 19	Unit 1: I can analyze and graph linear and absolute value equations.	LT#1: I can find the slope and y-intercept of a linear function. LT#2: I can graph a linear function in slope-intercept form.	1. Day 1 Warm-Up . 2. Day 1 Notes	Day 1 HW - Due Aug. 21	Day 1 Notes Key Day 1 HW Key Videos: - Slope - Y-intercept - Graph m & b
Thursday August 21	Unit 1: I can analyze and graph linear and absolute value equations.	LT#3: I can write the equation of a linear function given a graph.	1. Day 2 Warm-Up /HW Questions 2. Day 1 Review 3. Day 2 Notes	Day 2 HW - Due Aug. 23	Day 2 Warm-Up Key Day 2 Notes Key Day 2 HW Key Videos: - Write Eqt
Monday August 25	Unit 1: I can analyze and graph linear and absolute value equations.	LT#4: I can write the equation of a linear function given slope and a point. LT#5: I can write the equation of a linear function given y-intercept and a point.	1. Day 3 Warm-Up /HW Questions 2. Day 2 Review 3. Day 3 Notes	Day 3 HW - Due Aug. 27	Day 3 Warm-Up Key Day 3 Notes Key Day 3 HW Key
Wednesday August 27	Unit 1: I can analyze and graph linear and absolute value equations.	LT#4: I can write the equation of a linear function given slope and a point. LT#5: I can write the equation of a linear function	1. Day 3 Warm-Up /HW Questions 2. Day 2 Review 3. Day 3 Notes (cont.)	Day 3 HW - Due Aug. 27	Day 3 Warm-Up Key Day 3 Notes Key Day 3 HW Key

Date	Power Essential	Learning Target	In-Class Activities	Assignments	Activities for Success
		given y-intercept and a point.			
Friday August 29	Unit 1: I can analyze and graph linear and absolute value equations.	I can score proficient on the Algebra II Unit 1 Quiz #1.	1. Quiz #1 Warm-Up /HW Questions 2. Day 3 Review 3. Unit 1 Quiz #1 Review 4. Unit 1 Quiz #1 *** Postponed. 75% of class absent ***	- NO HOMEWORK!!!	Quiz #1 Warm-Up Key Quiz #1 Review Key Puzzles - Shikaku - Tangram - KenKen - Sudoku
Monday September 1	No School - Labor Day				
Wednesday September 3	Unit 1: I can analyze and graph linear and absolute value equations.	I can score proficient on the Algebra II Unit 1 Quiz #1.	1. Quiz #1 Warm-Up /HW Questions 2. Day 3 Review 3. Unit 1 Quiz #1 Review 4. Unit 1 Quiz #1	- NO HOMEWORK!!!	Quiz #1 Warm-Up Key Quiz #1 Review Key Puzzles - Shikaku - Tangram - KenKen - Sudoku
Friday September 5	Unit 1: I can analyze and graph linear and absolute value equations.	LT#6: I can write the equation of horizontal and vertical lines. LT#7: I can write the equation of a linear function given two points.	1. Day 4 Warm-Up /HW Questions 2. Day 3 Review 3. Day 4 Notes	Day 4 HW - Due Sept. 5	Day 4 Warm-Up Key Day 4 Notes Key Day 4 HW Key Videos: - Eqt Various Info
Tuesday September 9	Unit 1: I can analyze and graph linear and absolute value equations.	LT#8: I can write the equation of a linear function parallel or perpendicular to another function.	1. Day 5 Warm-Up /HW Questions 2. Day 4 Review 3. Day 5 Notes	Day 5 HW - Due Sept. 9	Day 5 Warm-Up Key Day 5 Notes Key Day 5 HW Key
Thursday September 11	Unit 1: I can analyze and	I can score proficient on the	1. Quiz #2 Warm-Up /HW Questions 2. Days 4 & 5 Review 4. Unit 1 Quiz #2 Review	- NO HOMEWORK!!!	Quiz #2 Warm-Up Key Quiz #2 Review Key Puzzles

Date	Power Essential	Learning Target	In-Class Activities	Assignments	Activities for Success
	graph linear and absolute value equations.	Algebra II Unit 1 Quiz #2.	5. Unit 1 Quiz #2		- Shikaku - Tangram - KenKen - Sudoku
Monday September 15	Unit 1: I can analyze and graph linear and absolute value equations.	LT#9: I can graph an absolute value function.	1. Day 6 Warm-Up 2. Hand-Back Quizzes - Questions 3. Day 6a Notes	- No Homework!	Day 6a Warm-Up Key Day 6a Notes Key Video: Absolute Value Graphs
Wednesday September 17	Unit 1: I can analyze and graph linear and absolute value equations.	LT#9: I can graph an absolute value function.	1. Day 6b Warm-Up 2. Day 6b Notes	Day 6 HW - Due Sept. 17	Day 6b Warm-Up Key Day 6b Notes Key Day 6 HW Key Video: Absolute Value Graphs
Friday September 19	Unit 1: I can analyze and graph linear and absolute value equations.	LT#10: I can write the equation of an absolute value function from its graph.	1. Day 7 Warm-Up /HW Questions 2. Day 6 Review 3. Day 7 Notes	Day 7 HW - Due Sept. 19	Day 7 Warm-Up Key Day 7 Notes Key Day 7 HW Key Video: Write Absolute Value Function from Graph
Tuesday September 23	Unit 1: I can analyze and graph linear and absolute value equations.	I can score proficient on the Algebra II Unit 1 Quiz #3.	1. Quiz #3 Warm-Up /HW Questions 2. Day 7 Review 3. Unit 1 Quiz #3 Review 4. Unit 1 Quiz #3	NO HOMEWORK!!!	Quiz #3 Warm-Up Key Quiz #3 Review Key Puzzles - Shikaku - Tangram - KenKen - Sudoku
Thursday September 25	Unit 1: I can analyze and graph linear and absolute value equations.	I can score proficient on the Algebra II Unit 1 Test.	1. Test Warm-Up 2. Hand-back Quizzes/Questions 3. Unit 1 Test Review 4. Unit 1 Test	NO HOMEWORK!!!	Test Warm-Up Key Test Review Key Puzzles - Shikaku

Date	Power Essential	Learning Target	In-Class Activities	Assignments	Activities for Success
	equations.				- Tangram - KenKen - Sudoku
Friday September 26	No School - Professional Development Day				
Tuesday September 30					
Thursday October 2					
Monday October 6					
Wednesday October 8					
Friday October 10					
Tuesday October 14	Pre-ACT Testing Day				
Wednesday October 15					
Thursday October 16	No School - Teacher Work Day				
Friday October 17	No School - PTC Payback Day				
Tuesday October 21					
Thursday October 23					
Monday October 27					

Date	Power Essential	Learning Target	In-Class Activities	Assignments	Activities for Success
Wednesday October 29					
Friday October 31	No School - Teacher Work Day				
Monday November 3					
Wednesday November 5					
Friday November 7					
Tuesday November 11					
Thursday November 13					
Monday November 17					
Wednesday November 19					
Friday November 21					
Tuesday November 25					
Wednesday November 26	No School - Thanksgiving Break				
Thursday November 27	No School - Thanksgiving Break				
Friday November 28	No School - Thanksgiving Break				

Date

Power Essential

Learning Target

In-Class Activities

Assignments

Activities for Success

Tuesday December 2					
Thursday December 4					
Monday December 8					
Wednesday December 10					
Friday December 12					
Tuesday December 16					
Thursday December 18					