

Algebra II

Fall 2025

Mrs. Ellie Friend

ellie.friend@hpstigers.org

AlgeBRA ii Syllabus

Sept 1

Sept 8

Sept 15

Sept 22

Sept 29

Oct 6

Oct 20

Oct 27

Nov 3

Nov 10

Nov 17

Nov 24

Dec 1

Dec 8

Dec 15

Power Essentials and Learning Targets: [ALGEBRA ii ESSENTIALS](#)

Date	Power Essential	Learning Target	In-Class	Assignments	Activities for Success
Thursday August 14					
Friday August 15					
Monday August 18	Students can solve problems using a chart.	i can identify addends and solve problems.	Ch. 1 Lesson 1 p 2-6 Adding Calories	P 6 Exercise D 1-13	
Tuesday August 19	Students can compute differences.	i can compute calories used to calories consumed.	PBIS: (SRP) Procedures	Ch. 1 Lesson 2 p 7 Subtracting Calories	
Wednesday August 20	Students will determine how many calories needed.	i can find out how many more calories are needed.	Ch 1 Lesson 3 p 8-9 Adding or Subtracting Calories	P 9 Exercise A 1-9	
Thursday	Students will	i can estimate using a	Ch 1 Lesson 4 p 10-11	Wkst Activity 4	

Date	Power Essential	Learning Target	In-Class Activities	Assignments	Activities for Success
August 21	estimate using a bar graph.	bar graph.	Estimating Calories Used		
Friday August 22	Students can determine how many calories are unused.	i can determine how many calories are not used.	Ch 1 Lesson 5 p 11-14 Adding and Subtracting Calories	P 14 A Healthy Plan 1-6	
Monday August 25	Students can solve problems using a chart.	i can identify addends and solve problems.	Ch. 1 Lesson 1 p 2-6 Adding Calories	P 6 Exercise D 1-13	
Tuesday August 26	Students can compute differences.	i can compute calories used to calories consumed.	PBIS:	Ch. 1 Lesson 2 p 7 Subtracting Calories	
Wednesday August 27	Students will determine how many calories needed.	i can find out how many more calories are needed.	Ch 1 Lesson 3 p 8-9 Adding or Subtracting Calories	P 9 Exercise A 1-9	
Thursday August 28	Students will estimate using a bar graph.	i can estimate using a bar graph.	Ch 1 Lesson 4 p 10-11 Estimating Calories Used	Wkst Activity 4	
Friday August 29	Students can determine how many calories are unused.	i can determine how many calories are not used.	Ch 1 Lesson 5 p 11-14 Adding and Subtracting Calories	P 14 A Healthy Plan 1-6	
Monday September 1	No School - Labor Day				
Tuesday September 2	Students can determine the cost of purchasing a vehicle.	I can score proficient on the Unit 4 Quiz #1.	Warm-Up Quiz #1 Review	Challenge Warm-Up Adsumudi	Warm-Up Key Quiz #1 Review Key
Wednesday September 3	Students can determine the depreciation after purchasing a vehicle.	I can analyze and find the cost of a depreciated vehicle.	Warm-Up Day 3 Exit Ticket	https://gamerules.com/rules/adsumudi/	Warm-Up Key Key Exit Ticket Key
Thursday September 4	Students can determine the depreciation after purchasing a vehicle.	I can calculate the depreciation rate using n^{th} roots.	Warm-Up Day 4 4 Exit Ticket		Warm-Up Key 4 Key Exit Ticket Key

Date	Power Essential	Learning Target	In-Class Activities	Assignments	Activities for Success
Friday September 5	Students can determine the depreciation after purchasing a vehicle.	I can calculate the depreciation rate using n^{th} roots.	Warm-Ups Day 5 5 Exit Ticket		Warm-Up Key 5 Key Exit Ticket Key
Monday September 8	I can utilize math calculations in kitchen situations.	I can add or subtract fractions. I can multiply or divide fractions.	1. Daily Warm-Up 2. LtoJ 3. Quizlet - Simplify Fractions 4. Day 1 Notes	No Homework	Daily Warm-Up Key Day 1 Notes Key Day 1 Exit Ticket Key Quizlet Math Facts
Tuesday September 9	I can utilize math calculations in kitchen situations.	I can add or subtract fractions. I can multiply or divide fractions.	1. Daily Warm-Up 2. LtoJ 3. Kahoot - Fraction Comparisons 4. Day 1 Notes Cont'd 5. Day 1 Exit Ticket	No Homework	Daily Warm-Up Key Day 1 Notes Key Day 1 Exit Ticket Key Quizlet Math Facts
Wednesday September 10	I can utilize math calculations in kitchen situations.	: I can add or subtract fractions. I can multiply or divide fractions.	1. Daily Warm-Up 2. LtoJ 3. Quizlet - Simplify Fractions 4. Fraction Stations	No Homework	Fraction Stations Key
Thursday September 11	See Sub Plans		See Sub Plans		
Friday September 12	See Sub Plans		See Sub Plans		
Monday September 15	Perform order of operations: () and other grouping. Perform order of operations: () and other grouping.	ARLI3 p 19 ----- AR L3 p 19	L3 p 23 ----- L3 p 23		
Tuesday September 16	Perform order of operations: exponents and other grouping. Perform order of operations: exponents and other grouping.	AR L4 p 25 ----- AR L4 p 25	L4 p 29 ----- L4 p 29	Riddles for Hands on Learning with PEMDAS.....	

Date	Power Essential	Learning Target	In-Class Activities	Assignments	Activities for Success
Wednesday September 17	Review order of operations. Review order of operations.	Supplemented PEMDAS curriculum ----- Supplemented PEMDAS curriculum	Wkst 1-16 ----- Wkst 1-16	continue: Riddles for Hands on Learning with PEMDAS.....	
Thursday September 18	Review order of operations. Review order of operations.	AR L5 p 31 ----- AR L5 p 31	L5 p 35 ----- L5 p 35		
Friday September 19	Simplify variable expressions by combining like terms and distributing. Simplify variable expressions by combining like terms and distributing.	Least to Greatest and Substitution ----- Least to Greatest and Substitution	Wkst 1-16 ----- Wkst 1-16		
Monday September 22	Find cost of item when a coupon used. ----- ---	Daily's Ch 2 L 5 Coupons p 34 ----- ---	P 34 Ex A 1-10 A 3, WA 9 -----	Newspaper Search-common and uncommon features on a coupon	
Tuesday September 23	Read coupon for information to see if certain conditions are met. ----- ---	Daily's Ch 2 L 6 Coupons more than one p 35 ----- ---	P 35 Ex A 1-10 -----		
Wednesday September 24	Understanding expiration date on coupons. ----- ----	Daily's Ch 2 L 7 Coupons with expirations p 36 ----- ---	P 36 Ex A 1-6, Ex B 1-6	Group Coupon Questions	
Thursday September 25	Find cost of single item compared to buying several items at the same time. ----- ----	Daily's Ch 2 L 8 Expiration Dates p 37 Vocab -----	P 37 Ex A 1-8 -----	Calendar Review for time elapsed with coupon expiration.	

Friday September 26	No School - Professional Development Day				
Monday September 29	Students will develop thrifty habits.	I will understand money saving tips.	Lesson 1 Developing Thrifty Habits p 6	P 7 1-4, 1-4, 1-2, On Your Own	
Tuesday September 30	Students will understand wants vs. needs.	I will balance wants and needs.	Lesson 1 Continue Developing Thrifty Habits	P 9 1-5, 1-3,1-3, On your Own	
Wednesday October 1	Students will keep financial records.	I can make an expense report.	Worksheet for tracking expenses. Emphasize the importance of noting down every purchase to prevent overspending and to understand their finances.	P 10 Expense Report, Budget, Receipts	
Thursday October 2	Students will keep financial records.	I can read a bank record.	Looking over Bank Record		
Friday October 3	Students will understand wants vs. needs.	I will balance wants and needs.	Lesson 2 Balancing Wants and Needs P 7-10	P 9 1-5, 1-3,1-3, On your Own https://play.blooket.com/play?hwId=64f6f0886031e39e70c68e07	
Monday October 6	Students will develop thrifty habits.	I will understand money saving tips.	Lesson 1 Developing Thrifty Habits p 6	P 7 1-4, 1-4, 1-2, On Your Own	
Tuesday October 7	Students will understand wants vs. needs.	I will balance wants and needs.	Lesson 1 Continue Developing Thrifty Habits	P 9 1-5, 1-3,1-3, On your Own	
Wednesday October 8	Students will keep financial records.	I can make an expense report.	Worksheet for tracking expenses. Emphasize the importance of noting down every purchase to prevent overspending and to understand their finances.	P 10 Expense Report, Budget, Receipts	
Thursday October 9	Students will keep financial records.	I can read a bank record.	Looking over Bank Record		
Friday October 10	Students will understand wants vs. needs.	I will balance wants and needs.	Lesson 2 Balancing Wants and Needs P 7-10	P 9 1-5, 1-3,1-3, On your Own https://play.blooket.com/play?hwId=64f6f0886031e39e70c68e07	
Monday					

Date	Power Essential	Learning Target	In-Class Activities	Assignments	Activities for Success
October 13					
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				
Monday October 20					
Tuesday October 21					
Wednesday October 22					
Thursday October 23					
Friday October 24					
Monday October 27					
Tuesday October 28					
Wednesday October 29					
Thursday October 30					
Friday	No School - Teacher Work Day				

Date	Power Essential	Learning Target	In-Class Activities	Assignments	Activities for Success
October 31					
Monday November 3					
Tuesday November 4					
Wednesday November 5					
Thursday November 6					
Friday November 7					
Monday November 10					
Tuesday November 11					
Wednesday November 12					
Thursday November 13					
Friday November 14					
Monday November 17					
Tuesday November 18					
Wednesday November 19					
Thursday					

Date	Power Essential	Learning Target	In-Class Activities	Assignments	Activities for Success
November 20					
Friday November 21					
Monday November 24					
Tuesday November 25					
Wednesday November 26	No School - Thanksgiving Break				
Thursday November 27	No School - Thanksgiving Break				
Friday November 28	No School - Thanksgiving Break				
Monday December 1					
Tuesday December 2					
Wednesday December 3					
Thursday December 4					
Friday December 5					
Monday December 8					
Tuesday December 9					
Wednesday					

December 10					
Thursday December 11					
Friday December 12					
Monday December 15					
Tuesday December 16					
Wednesday December 17					
Thursday December 18					
Friday December 19					