LESSON PLANS
December 4-8, 2023

Algebra 1A (Period 1)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday 12/4/23	1. Solve multi-step inequalities 2.Use multi-step inequalities to solve real-life problems	1.Warm-up problem 2.Student Journal p.46-47 #1-10	1. Class Participation 2.Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Tuesday 12/5/23	1.Write and graph compound inequalities. 2. Solve compound inequalities. 3. Use compound inequalities to solve real-life problems.	1.Warm-up problem 2. Ch. 2.5 Notes - compound inequality - writing and graphing 3.Homework: Textbook p. 85 #3-11	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Wednesday 12/6/23	1. Write and graph compound inequalities. 2. Solve compound inequalities. 3. Use compound inequalities to solve real-life problems.	1.Warm-up problem 2. Ch. 2.5 Notes - Solve "AND" Compound Inequalities	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1

Thursday 12/7/23	1. Write and graph compound inequalities. 2. Solve compound inequalities. 3. Use compound inequalities to solve real-life problems.	1.Warm-up problem 2. Ch. 2.5 Notes - Solve "OR" Compound Inequalities 3.Homework: Textbook p.85 #13-20	1.Class participation	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Friday 12/8/23	1. Write and graph compound inequalities. 2. Solve compound inequalities. 3. Use compound inequalities to solve real-life problems.	1.Warm-up problem 2. Ch. 2.5 Notes - application problems 3.2.5 Exit Ticket	1.Class Participation 2.Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1

Intro to Algebra (7) (Period 2)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday 12/4/23	1.Subtract rational numbers. 2. Solve real-life problems.	1.Warm-up problem 2.Ch. 2.3 Notes - Subtract Rational Numbers (Fractions)	Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	

Tuesday 12/5/23	1. Subtract rational numbers. 2. Solve real-life problems.	1.Warm-up problem 2. Subtract Fractions Worksheet	1.Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Wednesday 12/6/23	1. Subtract rational numbers. 2. Solve real-life problems.	1.Warm-up problem 2.Ch. 2.3 Notes - Subtract rational numbers (decimals)	1.Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Thursday 12/7/23	1. Subtract rational numbers. 2. Solve real-life problems.	1.Warm-up problem 2.Subtract Decimals Worksheet	1.Class Participation 2. Exit Slip	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1
Friday 12/8/23	1. Subtract rational numbers. 2. Solve real-life problems.	1.Warm-up problem 2. Ch. 2.3 Notes - application problems	1.Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	CC.2.1.7.E.1

Algebra 1B (Period 3)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday 12/4/23	1. Interpret scatter plots 2.Identify correlations between data sets 3.Use lines of fit to model data	1.Warm-up problem 2. Ch. 4.4 Notes - create scatter plots	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2, HSF-BF.A.1a, HSF-LE.A.1b, HSF-LE.A.2

Tuesday 12/5/23	1. Interpret scatter plots 2.Identify correlations between data sets 3.Use lines of fit to model data	1.Warm-up problem 2. Ch. 4.4 Notes - lines of fit	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2, HSF-BF.A.1a, HSF-LE.A.1b, HSF-LE.A.2
Wednesday 12/6/23	1. Interpret scatter plots 2.Identify correlations between data sets 3.Use lines of fit to model data	1. Warm-up problem 2. Ch. 4.4 Notes - lines of fit 3. Homework: Textbook p.200 #16	1. Class Participation 2. Exit Ticket 3. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2, HSF-BF.A.1a, HSF-LE.A.1b, HSF-LE.A.2
Thursday 12/7/23	1.Interpret scatter plots 2.Identify correlations between data sets 3.Use lines of fit to model data	1.Warm-up problem 2. 4.4 Exit Ticket 3. Student Journal p.114 - 115	1. Class Participation 2.Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2, HSF-BF.A.1a, HSF-LE.A.1b, HSF-LE.A.2
Friday 12/8/23	1.Interpret scatter plots 2.Identify correlations between data sets 3.Use lines of fit to model data	1.Warm-up problem 2.Ch. 4.5 Notes - analyze residuals	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2, HSF-BF.A.1a, HSF-LE.A.1b, HSF-LE.A.2

Algebra II (Period 4)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday 12/4/23	1. Graph linear inequalities 2.Solve problems using linear inequalities	1.2.5 Practice Worksheet 2. 2.5 Exit Ticket	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2
Tuesday 12/5/23	1.Write equations of linear functions using points and slopes. 2.Find lines of fit and lines of best fit.	1.Ch. 1.3 Notes - Write linear equations from a graph	1. Class Participation 2. Exit Ticket 3. Pre-Test	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2
Wednesday 12/6/23	1. Write equations of linear functions using points and slopes. 2.Find lines of fit and lines of best fit.	1. Ch. 1.3 Notes - lines of fit	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2
Thursday 12/7/23	Algebra 1 Standards	1.*Algebra 1 Keystone Testing*	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2
Friday 12/8/23	Algebra 1 Standards	1.*Algebra 1 Keystone Testing*	1.Class Participation 2. Exit Ticket	Individual students will be provided accommodations if mandated in their IEPs	HSA-CED.A.2

Intro to Algebra (8) (Period 5)

DAY	OBJECTIVES Students will be able to:	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON CORE STANDARDS
Monday 12/4/23	1. Find ratios, rates, and unit rates. 2.Find ratios and rates involving ratios of fractions.	1.Warm-up problem 2. Lesson 3.1 Notes - ratios, rates, and unit rates 3. 3.1 exit ticket		Individual students will be provided accommodations if mandated in their IEPs	No School
Tuesday 12/5/23	1. Find ratios, rates, and unit rates. 2.Find ratios and rates involving ratios of fractions.	1.Warm-up problem 2. Ratios and rates worksheet	1. Class Participation 2. Independent Practice	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Wednesday 12/6/23	1.Use equivalent ratios to determine whether two ratios form a proportion. 2. Use the Cross Products Property to determine whether two ratios form a proportion.	1.Warm-up problem 2.Lesson 3.2 Notes - Determine whether ratios form a proportion - Proportional Quantities	1. Class Participation 2. Homework	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1

DAY	OBJECTIVES	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON
Thursday 12/7/23	1. Use equivalent ratios to determine whether two ratios form a proportion. 2. Use the Cross Products Property to determine whether two ratios form a proportion.	1.Warm-up problem 2. Lesson 3.2 Notes - Solve proportions	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Friday 12/8/23	1. Use equivalent ratios to determine whether two ratios form a proportion. 2. Use the Cross Products Property to determine whether two ratios form a proportion.	1.Warm-up problem 2.Proportions Worksheet	1.Class Participation 2. Exit Ticket	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1

Math Strategies II (Period 6)

DAY	OBJECTIVES	ACTIVITIES	ASSESSMENT	ACCOMMODATIONS	PA COMMON

	Students will be able to:				**CORE STANDARDS**
Monday 12/4/23	1.Volume of cones, spheres, and cylinders	1.Volume of Sphere Notes 2.Sphere Worksheet			M07.D-S.2.1
Tuesday 12/5/23	1.Volume of cones, spheres, and cylinders	1.Volume Review Worksheet	1. Class Participation 2. Exit Ticket 3. Pre-Test	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Wednesday 12/6/23	1.Volume of cones, spheres, and cylinders	1.Volume Quiz	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Thursday 12/7/23	1.Volume of cones, spheres, and cylinders	1.Study Island – Volume Assignment	1. Class Participation	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1
Friday 12/8/23	1.Volume of cones, spheres, and cylinders	1.Volume Vocab – Frayer Model Notes and Comprehension	1.Class Participation 2. Exit Ticket	Individual students will be provided accommodations if mandated in their IEPs	M07.D-S.2.1

**Lesson plans or assignments may be altered at any time. **