

Name: Butterfield		Grading Quarter: 3rd	Week Beginning: 01-07-2025
School Year: 2024-2025		Subject: 8 <sup>th</sup> Algebra	
Monday	Notes: Jan 6	Objective:  Lesson Overview:  No school/Professional Development	Academic Standards:
Tuesday	Notes: Jan 7	Objective: Students solve inequalities by using addition, subtraction, multiplication, and division.  Lesson Overview: Students will work through pages 341-346 as a class. Homework pages 347-349 questions 2-6, 8, 10, 14, 18, 38, 42, 46.	Academic Standards: A.CED.1 A.REI.3 SL.4
Wednesday	Notes: Jan 8	Objective: Students solve inequalities by using more than one step.  Lesson Overview: The class will work through pages 351-352. Homework page 354 questions 16-27	Academic Standards: A.CED.1 A.REI.3 SL.4
Thursday	Notes: Jan 9	Objective: Students write and solve combinations of two inequalities joined by “and” or “or”.  Lesson Overview: Students will work through pages 357-362. Homework pages 363-364 questions 10 – 26 even.	Academic Standards: A.CED.1 A.CED.3 SL.4
Friday	Notes: Jan 10	Objective: We will be taking a quiz on inequalities.  Lesson Overview: Six question quiz on inequalities.	Academic Standards:

Name: Butterfield		Grading Quarter: 3rd	Week Beginning: 01-13-2025
School Year: 2024-2025		Subject: 8 <sup>th</sup> Algebra	
Monday	Notes: Jan 13  6-4	Objective: Students solve absolute value inequalities.  Lesson Overview: The class will work through pages 367-370. Homework pages 371 questions 2-20 even.	Academic Standards: A.CED.1 A.CED.3 SL.4
Tuesday	Notes: Jan 14  6-5	Objective: Students graph linear inequalities on the coordinate plane.  Lesson Overview: The class will work through pages 375-378. Homework page 379 questions 11, 12, 15-23	Academic Standards: A.CED.3 A.REI.12 SL.4
Wednesday	Notes: Jan 15	Objective:  Module 6 review. Lesson Overview: The class will work through pages 382-384. Completing questions 1-18	Academic Standards:
Thursday	Notes: Jan 16	Objective:  Lesson Overview:  Module 6 test.	Academic Standards:
Friday	Notes: Jan 17	Objective:  Lesson Overview: Students will work on ALEKS topics online.	Academic Standards:
Name: Butterfield		Grading Quarter:3rd	Week Beginning: 01-21-2025

School Year: 2024-2025		Subject: 8 <sup>th</sup> Grade Algebra	
Monday	Notes:	Objective:  Lesson Overview: MLK Day	Academic Standards:
Tuesday	Notes: Jan 21  7-1	Objective: Students solve systems of equations by graphing.  Lesson Overview: The class will work through pages 387-394. Homework page 397 questions 32-37	Academic Standards: A.REI.6 A.REI.11 SL.4
Wednesday	Notes: Jan 22  7-2	Objective: Students solve systems of equations by using substitution.  Lesson Overview: Students will work through pages 399-4402. Homework page 403 questions 4-12	Academic Standards: A.CED.3 A.REI.6 SL.4
Thursday	Notes: Jan 23  7-3	Objective: Students solve systems of equations by using elimination with addition or subtraction.  Lesson Overview: The class will work through pages 405-408. Homework page 409 questions 16-24.	Academic Standards: A.CED.3 A.REI.6 SL.4
Friday	Notes: Jan 24  7-4	Objective: Students solve systems of equations by using elimination by multiplication.  Lesson Overview: The class will work through pages 413-416. Homework page 417 questions 4-12.	Academic Standards: A.REI.5 A.REI.6 SL.4
Name: Butterfield		Grading Quarter: 3rd	Week Beginning: 01-27-2025

School Year: 2024-2025		Subject: 8 <sup>th</sup> Algebra	
Monday	Notes: Jan 27  7-4	Objective: Students solve systems of equations by using elimination by multiplication.  Lesson Overview: The class will work through pages 413-416. Homework page 417 questions 4-12.	Academic Standards: A.REI.5 A.REI.6 SL.4
Tuesday	Notes: Jan 28  7-5	Objective: Students solve systems of inequalities by graphing.  Lesson Overview: The class will work through pages 419-422 as a class. Homework pages 423-424 questions 2-7, 15-18	Academic Standards: A.CED.3 A.REI.12 SL.4
Wednesday	Notes: Jan 29	Objective: Review of Module 7  Lesson Overview: The class will work through pages 426-428. Homework questions 1-17	Academic Standards:
Thursday	Notes: Jan 30	Objective:  Lesson Overview: We will be taking the Module 7 Test today.	Academic Standards:
Friday	Notes: Jan 31	Objective:  Lesson Overview: We will be reviewing 8 <sup>th</sup> grade concepts for the AASA test coming up.	Academic Standards:
Name: Butterfield		Grading Quarter: 3rd	Week Beginning: 02-03-2025
School Year: 2024-2025		Subject: 8 <sup>th</sup> Algebra	

Monday	Notes: Feb 3  8-1	Objective: Students apply the multiplication properties of exponents to simplify expressions.  Lesson Overview: The class will work through pages 431-434. Homework pages 435-438 questions 10-18, 28-36 even.	Academic Standards: A.SSE.2 A.SSE.3c SL.4
Tuesday	Notes: Feb 4  8-2	Objective: Students apply the division properties of exponents to simplify expressions.  Lesson Overview: The class will work through pages 439-442. Homework pages 443-446 questions 10-18, 24-34 even.	Academic Standards: A.SSE.2 A.SSE.3c SL.4
Wednesday	Notes: Feb 5  8-3	Objective: Students apply the properties of zero and negative exponents to simplify expressions.  Lesson Overview: The class will work through pages 447-450. Homework pages 451-454 questions 10-18, 24-32 even.	Academic Standards: A.SSE.2 SL.4
Thursday	Notes: Feb 6	Objective: We will be reviewing past concepts from 7 <sup>th</sup> and 8 <sup>th</sup> grade.  Lesson Overview:	Academic Standards:
Friday	Notes: Feb 7	Objective: We will be reviewing past concepts from 7 <sup>th</sup> and 8 <sup>th</sup> grade.  Lesson Overview:	Academic Standards:
Name: Butterfield		Grading Quarter: 3rd	Week Beginning: 02-10-2025
School Year: 2024-2025		Subject: 8 <sup>th</sup> Algebra	

Monday	Notes: Feb 10  8-4	Objective: Students apply the properties of rational exponents to simplify expressions.  Lesson Overview: We will work through pages 455-458. Homework page 459 questions 2-20 even.	Academic Standards: N.RN.1 N.RN.2 SL.4
Tuesday	Notes: Feb 11  8-5	Objective: Students simplify radical expressions.  Lesson Overview: The class will work through pages 463-466. Homework page 467 questions 2-20 even.	Academic Standards: N.RN.2 SL.4
Wednesday	Notes: Feb 12  8-6	Objective: Students perform operations with radical expressions.  Lesson Overview: We will work through pages 471 through 474. Homework pages 475-476 questions 2-12, 20-28 even only.	Academic Standards: N.RN.2 SL.4
Thursday	Notes: Feb 13  8-7	Objective: Students solve exponential equations.  Lesson Overview: The class will work through pages 479-480. Homework page 481 questions 1-25 odd only.	Academic Standards: N.RN.2 A.SSE.2 SL.4
Friday	Notes: Feb 14	Objective: No School  Lesson Overview:	Academic Standards:
Name: Butterfield		Grading Quarter: 3rd	Week Beginning: 02-17-2025
School Year:2024-2025		Subject: 8 <sup>th</sup> Algebra	

Monday	Notes: Feb 17	Objective: No School/President's Day  Lesson Overview:	Academic Standards:
Tuesday	Notes: Feb 18  8-7	Objective: Students solve exponential equations.  Lesson Overview: The class will work through pages 479-480. Homework page 481-482 questions 1-25 odd.	Academic Standards: N.RN.2 A.SSE.2 SL.4
Wednesday	Notes: Feb 19	Objective: Module 8 review.  Lesson Overview: We will be reviewing Module 8. Classwork/Homework pages 484-486 questions 1-23.	Academic Standards:
Thursday	Notes: Feb 20	Objective: Module 8 Test.  Lesson Overview: We will be taking the Module 8 Test today.	Academic Standards:
Friday	Notes: Feb 21	Objective:  Lesson Overview: Students that did not complete the Module 8 Test yesterday will have time to complete it today. Those students that finished their test will work on their ALEKS topics.	Academic Standards:
Name: Butterfield		Grading Quarter: 3rd	Week Beginning: 02-24-2025
School Year: 2024-2025		Subject: 8 <sup>th</sup> Algebra	

Monday	Notes: Feb 24	Objective: We will be taking the Module 8 test.  Lesson Overview:	Academic Standards:
Tuesday	Notes: Feb 25  9-1	Objective: Students graph exponential functions.  Lesson Overview: The class will work through pages 489-494. Homework pages 495-496 questions 1-4, 12-14	Academic Standards: F.IF.7e F.LE.1c F.LE.5 SL.4
Wednesday	Notes: Feb 26  9-2	Objective: Students identify the effects of transformations of the graphs of exponential functions.  Lesson Overview: Students will work through pages 497-504. Homework pages 505-508 questions 3-6, 23-26, 29-32, 37-40	Academic Standards: F.IF.7e F.BF.3 SL.4
Thursday	Notes: Feb 27  9-3	Objective: Students create exponential functions and solve problems involving exponential growth and decay.  Lesson Overview: The class will work through pages 509-514. Homework pages 515-516 questions 2-10 even.	Academic Standards: F.LE.2 F.LE.5 SL.4
Friday	Notes: Feb 28	Objective: We will be reviewing 8 <sup>th</sup> grade concepts today.  Lesson Overview:	Academic Standards:
Name: Butterfield		Grading Quarter: 3rd	Week Beginning: 03-03-2025
School Year: 2024-2025		Subject: 8 <sup>th</sup> Algebra	



Monday	Notes: Mar 3  9-1	Objective: Students graph exponential Functions.  Lesson Overview: The class will work through pages 489-494. Homework pages 495-496 questions 1-4, 12-14	Academic Standards: F.IF.7e F.LE.1c F.LE.5 SL.4
Tuesday	Notes: Mar 4  9-2	Objective: Students identify the effects of transformations of the graphs of exponential functions.  Lesson Overview: We will work through pages 497-504. Homework pages 505-508 questions 3-6, 23-26, 29-32, 37-40.	Academic Standards: F.IF.7e F.BF.3 SL.4
Wednesday	Notes: Mar 5  9-3	Objective: Students create exponential functions and solve problems involving exponential growth and decay.  Lesson Overview: The class will work through pages 509-514. Homework page 515 questions 2-10 even.	Academic Standards: F.LE.2 F.LE.5 SL.4
Thursday	Notes: Mar 6	Objective: Students use the properties of exponents to transform expressions for exponential functions.  Lesson Overview: The class will work through pages 519 and 520. Classwork page 521 questions 1-2.	Academic Standards: A.SSE.3c F.IF.8b SL.4
Friday	Notes: Mar 7	Objective:  End of quarter Fun Day Lesson Overview:	Academic Standards:
Name: Butterfield		Grading Quarter: 4th	Week Beginning: 03-17-2025
School Year: 2024-2025		Subject: 8 <sup>th</sup> Algebra	

Monday	Notes: Mar 17	Objective:  No School/Professional Development Day Lesson Overview:	Academic Standards:
Tuesday	Notes: Mar 18  9-4	Objective: Students use the properties of exponents to transform expressions for exponential functions.  Lesson Overview: The class will work through pages 519-520. Homework page 521 questions 1-2.	Academic Standards: A.SSE.3c F.IF.8b SL.4
Wednesday	Notes: Mar 19  9-5	Objective: Students write and graph equations of geometric sequences.  Lesson Overview: The class will work through pages 523-526. Homework page 527 questions 1-4, 13-16, 25-28.	Academic Standards: F.BF.2 F.LE.2 SL.4
Thursday	Notes: Mar 20  9-6	Objective: Students write arithmetic and geometric sequences recursively.  Lesson Overview: Students work through pages 531-534. Homework: None	Academic Standards: F.IF.3 F.BF.2 SL.4
Friday	Notes: Mar 21	Objective: Fun Day  Lesson Overview:	Academic Standards:
Name: Butterfield		Grading Quarter: 4th	Week Beginning: 03-24-2025
School Year: 2024-2025		Subject: 8 <sup>th</sup> Algebra	

Monday	Notes: Mar 24  10-2	Objective: Students multiply polynomials by monomials.  Lesson Overview: The class will work through pages 555-556. Homework pages 558-559 questions 21-22, 33-34, 43-44, 49-50.	Academic Standards: A.APR.1 SL.4
Tuesday	Notes: Mar 25  10-3	Objective: Students multiply polynomials by polynomials.  Lesson Overview: The students will work through pages 561-564. Homework pages 566-567 questions 18-23, 50-55.	Academic Standards: A.APR.1 SL.4
Wednesday	Notes: Mar 26  10-4	Objective: Students multiply binomials by applying special patterns.  Lesson Overview: The class will work through pages 569-572. Homework pages 573-576 questions 9-10, 19-22, 66-69, 76.	Academic Standards: A.APR.1 SL.4
Thursday	Notes: Mar 27  10-5	Objective: Students factor polynomials by using the Distributive Property.  Lesson Overview: The class will work through pages 577-580. Homework page 581 questions 1-6, 11-13, 23-25.	Academic Standards: A.SSE.2 SL.4
Friday	Notes: Mar 28  10-6	Objective: Students factor trinomials into two binomials.  Lesson Overview: The class will work through pages 583-586. No homework we will instead work problems together as a class from pages 587-588.	Academic Standards: A.SSE.2 SL.4
Name: Butterfield		Grading Quarter: 4th	Week Beginning: 03-31-2025
School Year: 2024-2025		Subject: 8 <sup>th</sup> Algebra	

Monday	Notes: Mar 31	Objective: Review of previously taught concepts.  Lesson Overview:	Academic Standards:
Tuesday	Notes: Apr 1	Objective: Review of previously taught concepts.  Lesson Overview:	Academic Standards:
Wednesday	Notes: Apr 2	Objective: Review of previously taught concepts.  Lesson Overview:	Academic Standards:
Thursday	Notes: Apr 3	Objective: Review of previously taught concepts.  Lesson Overview:	Academic Standards:
Friday	Notes: Apr 4	Objective: No school/ Professional Development  Lesson Overview:	Academic Standards:
Name: Butterfield		Grading Quarter: 4th	Week Beginning: 04-07-2025
School Year: 2024-2025		Subject: 8 <sup>th</sup> Algebra	

Monday	Notes: Apr 7	Objective: In preparation for the AASA math tests we will be reviewing previously taught math concepts.  Lesson Overview:	Academic Standards:
Tuesday	Notes: Apr 8	Objective: In preparation for the AASA math tests we will be reviewing previously taught math concepts.  Lesson Overview:	Academic Standards:
Wednesday	Notes: Apr 9	Objective: We will be working on 8 <sup>th</sup> grade Community Service Projects.  Lesson Overview:	Academic Standards:
Thursday	Notes: Apr 10	Objective: We will be working on 8 <sup>th</sup> grade Community Service Projects.  Lesson Overview:	Academic Standards:
Friday	Notes: Apr 11	Objective: We will be working on 8 <sup>th</sup> grade Community Service Projects.  End of Testing Celebration Lesson Overview:	Academic Standards:
Name: Butterfield		Grading Quarter: 4th	Week Beginning: 04-14-2025
School Year: 2024-2025		Subject: 8 <sup>th</sup> Algebra	

Monday	Notes: Apr 14  10-6	Objective: Students factor trinomials into two binomials.  Lesson Overview: The class will work through pages 583-586. Homework page 589 questions 55-66	Academic Standards: A.SSE.2 SL.4
Tuesday	Notes: Apr 15  10-7	Objective: Students factor polynomials by applying special patterns.  Lesson Overview: The class will work through pages 591-594. Homework page 595 questions 1-11	Academic Standards: A.SSE.2 SL.4
Wednesday	Notes: Apr 16	Objective: Module 10 review  Lesson Overview: We will be doing the module review. Pages 601-603 questions 1-23.	Academic Standards:
Thursday	Notes: Apr 17	Objective: Module 10 Test  Lesson Overview:	Academic Standards:
Friday	Notes: Apr 18	Objective: No School/District Closed.  Lesson Overview:	Academic Standards:
Name:		Grading Quarter:	Week Beginning:
School Year:		Subject:	

Monday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Tuesday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Wednesday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Thursday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Friday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Name:		Grading Quarter:	Week Beginning:
School Year:		Subject:	

Monday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Tuesday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Wednesday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Thursday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Friday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Name:		Grading Quarter:	Week Beginning:
School Year:		Subject:	



Monday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Tuesday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Wednesday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Thursday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Friday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Name:		Grading Quarter:	Week Beginning:
School Year:		Subject:	

Monday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Tuesday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Wednesday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Thursday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Friday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Name:		Grading Quarter:	Week Beginning:
School Year:		Subject:	

Monday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Tuesday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Wednesday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Thursday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Friday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Name:		Grading Quarter:	Week Beginning:
School Year:		Subject:	

Monday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Tuesday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Wednesday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Thursday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Friday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Name:		Grading Quarter:	Week Beginning:
School Year:		Subject:	

Monday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Tuesday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Wednesday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Thursday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Friday	Notes:	Objective:  Lesson Overview:	Academic Standards: