Name: Butterfield		Grading Quarter: 3rd	Week Beginning: 01-07-2025
School Year: 2024-2025		Subject: 8th 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: 8th 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: 8th 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: 8th 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 8th 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: 8th 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 7th and 8th grade. Lesson Overview:	Academic Standards:
Friday	Notes: Feb 7	Objective: We will be reviewing past concepts from 7th and 8th grade. Lesson Overview:	Academic Standards:

Name: Butterfield	Grading Quarter: 3rd	Week Beginning: 02-10-2025
School Year: 2024-2025	Subject: 8th Algebra	

	Notes:	Objective:	Academic
Monday	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: 8th 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 page481-482 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: 8th Algebra	

	Notes:	Objective:	Academic Standards:
Monday	Feb 24	We will be taking the Module 8 test. Lesson Overview:	
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 8th grade concepts today. Lesson Overview:	Academic Standards:

Name: Butterfield	Grading Quarter: 3rd	Week Beginning: 03-03-2025
School Year: 2024-2025	Subject: 8th Algebra	

	Notes:	Objective:	Academic
Monday	Mar 3 9-1	Students graph exponential Functions. Lesson Overview: The class will work through pages 489-494. Homework pages 495-496 questions 1-4, 12-14	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: 8th 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: 8th 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: 8th Algebra	

			Academic Standards:
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: 8th 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 8th grade Community Service Projects. Lesson Overview:	Academic Standards:
Thursday	Notes: Apr 10	Objective: We will be working on 8th grade Community Service Projects. Lesson Overview:	Academic Standards:
Friday	Notes: Apr 11	Objective: We will be working on 8th 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: 8th Algebra	

	Notes:	Objective:	Academic
Monday	Apr 14 10-6	Students factor trinomials into two binomials. Lesson Overview: The class will work through pages 583-586. Homework page 589 questions 55-66	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: Butterfield	Grading Quarter: 4th	Week Beginning: 04-21-2025
School Year: 2024-2025	Subject: 8th Algebra	

	Notes:	Objective:	Academic
Monday	Apr 21 11-1	Students analyze and graph quadratic functions. Lesson Overview: Students will work through pages 605-610. Homework page 611 questions 1,2, 5-8.	Standards: F.IF.4 F.IF.7a SL.4
Tuesday	Notes: Apr 22 11-2	Objective: Students identify the effects of transformations of the graphs of quadratic functions. Lesson Overview: The class will work through pages 615-622. Homework page 623 questions 4,6, 14, 16, 22, 24.	Academic Standards: F.IF.7a F.BF.3 SL.4
Wednesday	Notes: Apr 23 11-3	Objective: Students write quadratic equations and solve them by graphing. Lesson Overview: The class will work through pages 627-636. Homework page 637 questions 9-14.	Academic Standards: F.IF.7a F.if.8a SL.4
Thursday	Notes: Apr 24 11-4	Objective: Students solve quadratic equations by factoring and by using the square root property. Lesson Overview:	Academic Standards: A.SSE.3a A.REI.4b F.IF.8a SL.4
Friday	Notes: Apr 25	Objective: We will be playing a math game in class. Lesson Overview:	Academic Standards:

Name: Butterfield	Grading Quarter: 4th	Week Beginning: 04-28-2025
School Year: 2024-2025	Subject: 8th Algebra	

	Notes:	Objective:	Academic
Monday	Apr 28 11-3	Students write quadratic equations and solve them by graphing. Lesson Overview: The class will work through pages 627-628. Homework page 629 questions 9-12.	Standards: F.IF.7a F.IF.8a SL.4
Tuesday	Apr 29 11-4	Objective: Students solve quadratic equations by factoring and by using the square root property. Lesson Overview: Students will work through pages 631-636. Homework page 637 questions 9-14	Academic Standards: A.SSE.3a A.REI.4b F.IF.8a SL.4
Wednesday	Apr 30 11-5	Objective: Students solve quadratic equations by completing the square. Lesson Overview: The class will work through pages 641-644. Homework page 645 questions 7, 9, 10, 11	Academic Standards: A.SSE.3b A.REI.4 F.IF.8a SL.4
Thursday	May 1 11-6	Objective: Students solve quadratic equations by using the quadratic equation. Lesson Overview: Students will work through pages 647-650. Homework page 651 questions 6-9.	Academic Standards: A.CED.1 A.REI.4 SL.4
Friday	Notes: May 2	Objective: We will be playing a math game. Lesson Overview:	Academic Standards:

Name: Butterfield	Grading Quarter: 4th	Week Beginning: 05-05-2025
School Year: 2024-2025	Subject: 8th Algebra	

	Notes:	Objective:	Academic
Monday	Mat 5 11-5	Students solve quadratic equations by completing the square. Lesson Overview: The class will work through pages 641-644. Homework page 645 questions 7, 9, 10, 11	Standards: A.SSE.3b A.REI.4 F.IF.8a SL.4
Tuesday	Notes: May 6 11-6	Objective: Students solve quadratic equations by using the quadratic equation. Lesson Overview: Students will work through pages 647-650. Homework page 651 questions 6-9.	Academic Standards: A.CED.1 A.REI.4 SL.4
Wednesday	Notes: May 7	Objective: We will be reviewing concepts that were taught throughout the year. Lesson Overview:	Academic Standards:
Thursday	Notes: May 8	Objective: End of Year DnA Testing. Lesson Overview:	Academic Standards:
Friday	Notes: May 9	Objective: End of Year DnA Testing. Lesson Overview:	Academic Standards:

Name: Butterfield	Grading Quarter: 4th	Week Beginning: 05-12-2025
School Year: 2024-2025	Subject: 8th Algebra	

	Notes:	Objective:	Academic Standards:
Monday	May 12	**Objective:** Computer Turn In. **Lesson Overview:** We will be playing a math game. Team Building Games.	Academic Standards:
Tuesday	Notes: May 13	**Objective:** **Lesson Overview:** We will be playing team building games. Math Games.	Academic Standards:
Wednesday	Notes: May 14	**Objective:** 8th Grade Promotion Party. **Lesson Overview:**	Academic Standards:
Thursday	Notes: May 15	**Objective:** Awards Ceremony, Dance, Final Lap **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:	

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