

Name: Butterfield		Grading Quarter: 1st	Week Beginning: 08-05-2024
School Year: 2024-2025		Subject: Algebra 1	
Monday	Notes: Aug. 5	Objective:  Lesson Overview: We will be going over pages 70-95 in the student planner. If time allows we will start with our first math facts worksheet.	Academic Standards:
Tuesday	Notes: Aug. 6	Objective:  Lesson Overview: I will start the class with a lecture on what the class rules are and how we will be running the classroom throughout the year, emergency procedures, lockdowns, fire drills. If time allows we will be continuing our math facts work.	Academic Standards:
Wednesday	Notes: Aug. 7	Objective:  Lesson Overview: Math Fact practice. Today we will be taking the 1 <sup>st</sup> benchmark on Illuminate.	Academic Standards:
Thursday	Notes: Aug. 8  1-1	Objective: Students write and evaluate numerical expressions.  Lesson Overview: Math Fact practice. As a class we will be working through pages 3-8 in the Algebra textbook. No homework will be given for this section.	Academic Standards: A.SSE.1b A.SSE.2
Friday	Notes: Aug. 9	Objective:  Lesson Overview: No School Professional Development Day	Academic Standards:

Name: Butterfield		Grading Quarter: 1st	Week Beginning: 08-12-2024
School Year: 2024-2025		Subject: Algebra	
Monday	Notes: Aug. 12	Objective: Review of past math concepts.  Lesson Overview: The lesson will consist of students using their whiteboards to answer questions that I will be writing on the board and/or giving verbally.	Academic Standards:
Tuesday	Notes: Aug. 13	Objective: Review of past math concepts.  Lesson Overview: The lesson will consist of students using their whiteboards to answer questions that I will be writing on the board and/or giving verbally.	Academic Standards:
Wednesday	Notes: Aug. 14	Objective: Review of past math concepts.  Lesson Overview: The lesson will consist of students using their whiteboards to answer questions that I will be writing on the board and/or giving verbally.	Academic Standards:
Thursday	Notes: Aug. 15	Objective: Review of past math concepts.  Lesson Overview: The lesson will consist of students using their whiteboards to answer questions that I will be writing on the board and/or giving verbally.	Academic Standards:
Friday	Notes: Aug. 16	Objective: Review of past math concepts.  Lesson Overview: The lesson will consist of students using their whiteboards to answer questions that I will be writing on the board and/or giving verbally.	Academic Standards:

Name: Butterfield		Grading Quarter: 1st	Week Beginning: 08-19-2024
School Year: 2024-2025		Subject: Algebra	
Monday	Notes: Aug. 19	Objective:  Lesson Overview: No School Navajo Code Talkers Day	Academic Standards:
Tuesday	Notes: Aug. 20  1-1	Objective: Students write and evaluate numerical expressions.  Lesson Overview: The class will work through pages 3-8. Homework pages 9-12 questions 1-6, 11-16, 25-27, 33-38.	Academic Standards: A.SSE.1b A.SSE.2 SL.4
Wednesday	Notes: Aug. 21 1-2	Objective: Students will write and evaluate algebraic expressions.  Lesson Overview: As a class we will work through pages 13-18. Homework pages 19-22 questions 7-12, 26-29, 36-38, 48-53.	Academic Standards: A.SSE.1 A.SSE.2 SL.4
Thursday	Notes: Aug. 22 1-3	Objective: Students apply the properties of real numbers to simplify expressions.  Lesson Overview: The class will work through pages 23-30. Homework pages 31-34 questions 18-25, 28-31, 41-45.	Academic Standards: A.SSE.2 SL.4

Friday	Notes: Aug. 23	Objective:  Lesson Overview: We will be playing a math game.	Academic Standards:
Name: Butterfield		Grading Quarter: 1st	Week Beginning: 08-26-2024
School Year: 2024-2025		Subject: Algebra	
Monday	Notes: Aug. 26  1-5 1-6	Objective: Students evaluate absolute value expressions.  Lesson Overview: Students will work through pages 45-46. Homework page 47, questions 8-19, pages 47-48, questions 12, 22, 23, 25, 28.	Academic Standards: A.SSE.2 SL.4
Tuesday	Notes: Aug. 27	Objective: Module 1 Review  Lesson Overview: Students will complete pages 60-62, questions 1-7, 9-13, 15.	Academic Standards:
Wednesday	Notes: Aug. 28	Objective: Module 1 Test  Lesson Overview:	Academic Standards:
Thursday	Notes: Aug. 29  2-1	Objective: Students create and interpret equations that describe relationships.  Lesson Overview: The class will work through pages 65-70. Homework pages 71-74, questions 9-14, 27-30, 37-44.	Academic Standards: A.CED.1 A.CED.3 SL.4

Friday	Notes: Aug. 30	Objective:  Lesson Overview: No School/ District Closed	Academic Standards:
Name: Butterfield		Grading Quarter: 1st	Week Beginning: 09-02-2024
School Year: 2024-2025		Subject: Algebra	
Monday	Notes: Sept. 2	Objective: No School/Labor Day  Lesson Overview:	Academic Standards:
Tuesday	Notes: Sept. 3  2-2	Objective: Students solve equations by using addition, subtraction, multiplication, and division.  Lesson Overview: We will work through pages 75-80 as a class. Homework pages 81-84, questions 60-88 even, 91, 92	Academic Standards: A.CED.1 A.REI.1 A.REI.3 SL.4
Wednesday	Notes: Sept. 4  2-3	Objective: Students solve multi-step equations and equations for specific lettered coefficients by applying properties of equalities.  Lesson Overview: Students will work through pages 85-88. Homework pages 89-90, questions 1-43 every other odd.	Academic Standards: A.CED.1 A.REI.1 A.REI.3 SL.4
Thursday	Notes: Sept. 5  2-4	Objective: Students solve equations with the variable on each side by applying the properties of equality and the Distributive Property.  Lesson Overview: The class will work through pages 91-96. Homework pages 97-100, questions 1-15 odd, 17, 22, 23, 24, 37, 39, 41.	Academic Standards: A.CED.1 A.REI.1 A.REI.3 SL.4

Friday	Notes: Sept. 6	Objective:  Lesson Overview: We will be playing a math game that reviews past concepts.	Academic Standards:
Name: Butterfield		Grading Quarter: 1st	Week Beginning: 09-09-2024
School Year: 2024-2025		Subject: Algebra 1	
Monday	Notes: Sept 9  2-4	Objective: Students solve equations with the variable on each side by applying the properties of equalities and the Distributive Property.  Lesson Overview: The class will work through pages 91-96. Homework pages 97-100, questions 1-15 odd, 17, 22 23, 24, 37, 39, 41.	Academic Standards: A.CED.1 A.REI.1 A.REI.3 SL.4
Tuesday	Notes: Sept 10  2-5	Objective: Students solve absolute value equations.  Lesson Overview: Students will work through pages 101-104. Homework page 105, questions 1-18.	Academic Standards: A.CED.1 A.REI.3 SL.4
Wednesday	Notes: Sept 11  2-5	Objective: Students solve absolute value equations.  Lesson Overview: Students will work through pages 101-104. Homework page 107, questions 24-39.	Academic Standards: A.CED.1 A.REI.3 SL.4
Thursday	Notes: Sept 12  2-6	Objective: Students solve equations involving proportions.  Lesson Overview: Students will work through pages 109-112. Homework pages 113-115, questions 13-39, 61-69 odd.	Academic Standards: A.CED.1 A.REI.3 SL.4

Friday	Notes: Sept 13	Objective:  Lesson Overview:  We will be playing a math game that reviews past math concepts.	Academic Standards:
Name: Butterfield		Grading Quarter: 1st	Week Beginning: 09-16-2024
School Year: 2024-2025		Subject: Algebra 1	
Monday	Notes: Sept 16  2-6	Objective: Students solve equations involving proportions.  Lesson Overview: Students will work through pages 101-104. Homework page 107, questions 24-39.	Academic Standards: A.CED.1 A.REI.3 SL.4
Tuesday	Notes: Sept 17  2-7	Objective: Students solve equations for specific variables and convert units of measure by applying the properties of equality.  Lesson Overview: The class will work through pages 117-124. Homework page 125, questions 11-21	Academic Standards: N.Q.1 A.CED.3 A.CED.4 A.REI.4 SL.4
Wednesday	Notes: Sept 18	Objective: Module 2 Review  Lesson Overview:  Students will complete pages 130-132. Questions 1-23	Academic Standards:
Thursday	Notes: Sept 19	Objective: Module 2 Test  Lesson Overview:	Academic Standards:

Friday	Notes: Sept 20	Objective:  Lesson Overview:  We will be playing math games that review past math concepts.	Academic Standards:
Name: Butterfield		Grading Quarter: 1st	Week Beginning: 09-23-2024
School Year: 2024-2025		Subject: 8 <sup>th</sup> Algebra	
Monday	Notes: Sept 23  3-1	Objective: Students represent relations with graphs, ordered pairs, tables, and mapping.  Lesson Overview: The class will work through pages 135-142. Homework pages 143-146, questions 1-29 every other odd.	Academic Standards: N.Q.1 F.IF.1 SL.4
Tuesday	Notes: Sept 24  3-2	Objective: Students determine whether a relation is a function and find function values.  Lesson Overview: The class will work through pages 147-152. Homework pages 153-155, questions 1-13 all, 16-30, 34-46 even.	Academic Standards: F.IF.1 F.IF.2 SL.4
Wednesday	Notes: Sept 25  3-3	Objective: Students identify linear and nonlinear functions and continuous and discrete functions.  Lesson Overview: We will work through pages 157-162. Homework pages 163-165, questions 2-24 even.	Academic Standards: F.IF.4 F.IF.5 SL.4
Thursday	Notes: Sept 26  3-4	Objective: Students identify intercepts of functions and solve equations by graphing.  Lesson Overview: The class will work through pages 167-174. Homework pages 175-176, questions 1-13.	Academic Standards: A.REI.10 F.IF.4 SL.4

Friday	Notes: Sept 27	Objective:  Lesson Overview:  We will be playing a math game that reviews past math concepts.	Academic Standards:
Name: Butterfield		Grading Quarter: 1st	Week Beginning: 09-30-2024
School Year: 2024-2024		Subject: 8 <sup>th</sup> Algebra	
Monday	Notes: Sept 30  3-2	Objective: Students determine whether a relation is a function and find function values.  Lesson Overview: The class will work through pages 147-152. Homework pages 153-155, questions 1-13 all, 16-30, 34-46 even.	Academic Standards: F.IF.1 F.IF.2 SL.4
Tuesday	Notes: Oct 1  3-3	Objective: Students identify linear and nonlinear functions and continuous and discrete functions.  Lesson Overview: We will work through pages 157-162. Homework pages 163-165, questions 2-24 even.	Academic Standards: F.IF.4 F.IF.5 SL.4
Wednesday	Notes: Oct 2  3-4	Objective: Students identify intercepts of functions and solve equations by graphing.  Lesson Overview: The class will work through pages 167-174. Homework pages 175-176, questions 1-13.	Academic Standards: A.REI.10 F.IF.4 SL.4
Thursday	Notes: Oct 3	Objective:  Lesson Overview: Student Fun Day	Academic Standards:

Friday	Notes:	Objective:  Lesson Overview:	Academic Standards:
Name: Butterfield		Grading Quarter: 2nd	Week Beginning: 10-14-2024
School Year: 2024-2025		Subject: 8 <sup>th</sup> Algebra	
Monday	Notes: Oct 14	Objective:  Lesson Overview: Professional Development Day	Academic Standards:
Tuesday	Notes: Oct 15  3-3	Objective: Students identify linear and nonlinear functions and continuous and discrete functions.  Lesson Overview: We will work through pages 157-162 as a class. Homework pages 163-166, questions 1-8, 12-22, 28-33	Academic Standards: F.IF.4 F.IF.5 SL.4
Wednesday	Notes: Oct 16  3-4	Objective: Students identify intercepts of functions and solve equations by graphing.  Lesson Overview: The class will work through pages 167-170. Homework pages 175-176, questions 1-13.	Academic Standards: A.REI.10 F.IF.4 SL.4
Thursday	Notes: Oct 17  3-5	Objective: Students identify intercepts of functions and solve equations by graphing.  Lesson Overview: The class will work through pages 171-174. Homework pages 177-178, questions 14-20, 22-25.	Academic Standards: A.REI.10 F.IF.4 SL.4

Friday	Notes: Oct 18	Objective:  Lesson Overview:  Students will start the ALEKS Initial Knowledge Check	Academic Standards:
Name: Butterfield		Grading Quarter: 2nd	Week Beginning: 10-21-2024
School Year: 2024-2025		Subject: 8 <sup>th</sup> Algebra	
Monday	Notes: Oct 21  3-6	Objective: Students sketch graphs of functions and compare two or more functions.  Lesson Overview: Students will work through pages 191-198. Homework page 199 questions 1-3.	Academic Standards: F.IF.4 F.IF.9 SL.4
Tuesday	Notes: Oct 22	Objective:  Lesson Overview: We will be reviewing module 3. Pages 205-206 questions 1-13	Academic Standards:
Wednesday	Notes: Oct 23	Objective:  Lesson Overview:  We will be taking the Module 3 test today.	Academic Standards:
Thursday	Notes: Oct 24  4-1	Objective: Students graph linear functions by using tables and intercepts.  Lesson Overview: We will be working through pages 209-214. Homework pages 215-218 questions 4-6, 12-14, 17-19, 22-24	Academic Standards: A.REI.10 F.IF.7.a F.LE.5 SL.4

Friday	Notes: Oct 25	Objective:  Lesson Overview:  We will be reviewing past concepts through whiteboard work.	Academic Standards:
Name: Butterfield		Grading Quarter: 2nd	Week Beginning: 10-28-2024
School Year: 2024-2025		Subject: 8 <sup>th</sup> Algebra	
Monday	Notes: Oct 28  4-2	Objective: Students find and interpret the rate of change and slopes of lines.  Lesson Overview: Students will work through pages 219-224. Homework pages 225-227 questions 1-2, 11-16, 38-41, 52-53	Academic Standards: F.IF.6 F.LE.5 SL.4
Tuesday	Notes: Oct 29  4-3	Objective: Students graph equations in slope-intercept form.  Lesson Overview: Students will work through pages 229-234. Homework pages 235-236 questions 6-11, 19, 21, 24-26, 35-38.	Academic Standards: A.CED.2 F.IF.7a F.LE.5 SL.4
Wednesday	Notes: Oct 30  4-4	Objective: Students identify the effects of transformations of the graphs of linear functions.  Lesson Overview: Over two days we will be going through pages 239-246. Homework pages 247-249 questions 1-6, 10-15, 16-27.	Academic Standards: F.IF.7a F.BF.3 SL.4
Thursday	Notes: Oct 31  4-4	Objective: Students identify the effects of transformations of the graphs of linear functions  Lesson Overview: Over two days we will be going through pages 239-246. Homework pages 247-249 questions 1-6, 10-15, 16-27.	Academic Standards:

Friday	Notes: Nov 1	Objective:  Lesson Overview:  Review of 8 <sup>th</sup> grade math concepts.	Academic Standards:
Name: Butterfield		Grading Quarter: 2nd	Week Beginning: 11-04-2024
School Year: 2024-2025		Subject: 8 <sup>th</sup> Algebra	
Monday	Notes: Nov 4  4-4	Objective: Students identify the effects of transformations of the graphs of linear functions  Lesson Overview: Over two days we will be going through pages 239-246. Homework pages 247-249 questions 1-6, 10-15, 16-27.	Academic Standards:
Tuesday	Notes: Nov 5  4-5	Objective: Students write and graph equations of arithmetic sequences.  Lesson Overview: The class will work through pages 251-254. Homework pages 255-256 questions 7-10, 19-22.	Academic Standards: F.BF.1a F.BF.2 F.LE.2 SAL.4
Wednesday	Notes: Nov 6  4-6	Objective: Students graph piecewise-defined step functions.  Lesson Overview: Students will work through pages 259-262. Homework page 263 questions 4-9	Academic Standards: F.IF.4 F.IF.7b SL.4
Thursday	Notes: Nov 7  4-7	Objective: Students identify the effects of transformations of the graphs of absolute value equations.  Lesson Overview: We will spend two days on this section. The class will work through pages 267-276. Homework pages 277-278 questions 4-9, 13-15	Academic Standards: F.IF.7b F.BF.3 SL.4

Friday	Notes: Nov 8	Objective:  Lesson Overview: We will be playing a math game today.	Academic Standards:
Name: Butterfield		Grading Quarter: 2nd	Week Beginning: 11-11-2024
School Year: 2024-2025		Subject: 8 <sup>th</sup> Algebra	
Monday	Notes: Nov 11	Objective:  Lesson Overview:  Veterans Day / No School	Academic Standards:
Tuesday	Notes: Nov 12  4-6	Objective: Students graph piecewise-defined step functions.  Lesson Overview: Students will work through pages 259-262. Homework page 263 questions 4-9	Academic Standards: F.IF.4 F.IF.7b SL.4
Wednesday	Notes: Nov 13  4-7	Objective: Students identify the effects of transformations of the graphs of absolute value equations.  Lesson Overview: We will spend two days on this section. The class will work through pages 267-276. Homework pages 277-278 questions 4-9, 13-15	Academic Standards: F.IF.7b F.BF.3 SL.4
Thursday	Notes: Nov 14	Objective:  Lesson Overview:  We will be reviewing pages 282-284 questions 1-8, 11-14, 21 This is a review for the Module 4 Test,	Academic Standards:

Friday	Notes: Nov 15	Objective:  Lesson Overview: We will be taking the Module 4 Test today.	Academic Standards:
Name: Butterfield		Grading Quarter: 2nd	Week Beginning: 11-18-2024
School Year: 2024-2025		Subject: 8 <sup>th</sup> Algebra	
Monday	Notes: Nov 18  4-7	Objective: Students identify the effects of transformations of the graphs of absolute value equations.  Lesson Overview: We will spend two days on this section. The class will work through pages 267-276. Homework pages 277-278 questions 4-9, 13-15	Academic Standards: F.IF.7b F.BF.3 SL.4
Tuesday	Notes: Nov 19	Objective:  Lesson Overview:  We will be reviewing Module 4 for the test on Wednesday	Academic Standards:
Wednesday	Notes: Nov 20	Objective:  Lesson Overview:  Module 4 Test	Academic Standards:
Thursday	Notes: Nov 21  5-1	Objective: Students create linear equations in slope-intercept form.  Lesson Overview: The class will work through pages 287-290. Homework pages 291-293 questions 2-46 every other even.	Academic Standards: A.CED.2 S.ID.7 SL.4

Friday	Notes: Nov 22	Objective:  Lesson Overview:  We will be playing a math game.	Academic Standards:
Name: Butterfield		Grading Quarter: 2nd	Week Beginning: 11-25-2024
School Year: 2024-2025		Subject: 8 <sup>th</sup> Algebra	
Monday	Notes: Nov 25  5-2	Objective: Students create linear equations in point-slope form and standard form.  Lesson Overview: The class will work through pages 295-302. Homework pages 303-305 questions	Academic Standards: A.CED.2 A.CED.3 SL.4
Tuesday	Notes: Nov 26  5-3	Objective: Students use scatter plots to make and evaluate predictions.  Lesson Overview: The class will work through pages 307-310. Homework pages 311-312 questions 1-10	Academic Standards: S.ID.6a S.ID.6c SL.4
Wednesday	Notes:	Objective:  Lesson Overview:  Thanksgiving Break	Academic Standards:
Thursday	Notes:	Objective:  Lesson Overview:  Thanksgiving Break	Academic Standards:

Friday	Notes:	Objective:  Lesson Overview:  Thanksgiving Break	Academic Standards:
Name: Butterfield		Grading Quarter: 2nd	Week Beginning: 12-02-2024
School Year: 2024-2025		Subject: 8 <sup>th</sup> Algebra	
Monday	Notes: Dec 2  5-1	Objective: Students create linear equations in slope-intercept form.  Lesson Overview: The class will work through pages 287-290. Homework pages 291-293 questions 2-46 every other even.	Academic Standards: A.CED.2 S.ID.7 SL.4
Tuesday	Notes: Dec 3  5-2	Objective: Students create linear equations in point-slope form and standard form.  Lesson Overview: The class will work through pages 295-302. Homework pages 303-305 questions	Academic Standards: A.CED.2 A.CED.3 SL.4
Wednesday	Notes: Dec 4  5-3	Objective: Students use scatter plots to make and evaluate predictions.  Lesson Overview: The class will work through pages 307-310. Homework pages 311-312 questions 1-10	Academic Standards: S.ID.6a S.ID.6c SL.4
Thursday	Notes: Dec 5  5-4	Objective: Students determine whether a situation illustrates correlation or causation.  Lesson Overview: Students will work through pages 315-316. Homework 317 questions 1-6	Academic Standards: S.ID.9 SL.4

Friday	Notes: Dec 6  5-5	Objective: Students will use best-fit lines and correlation coefficients to determine how well linear functions fit sets of data.  Lesson Overview: Students will work through pages 319-322. No homework.	Academic Standards: S.ID.6 S.ID.8 SL.4
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:
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