

Name: Butterfield		Grading Quarter: 1st	Week Beginning: 08-05-2024
School Year: 2024-2025		Subject: Accelerated Math 7 th 8 th Pre-Algebra	
Monday	Notes: Aug. 5	Objective: Lesson Overview: We will review pages 19-69 in the student planner. If time allows we will be taking the Math Facts Test.	Academic Standards:
Tuesday	Notes: Aug. 6	Objective: Lesson Overview: Today we will be going over the rules of the classroom along with the procedures for the nurse, restroom, etc. Emergency procedures, fire, lockdowns, etc. If time allows we will take the Math Facts Test.	Academic Standards:
Wednesday	Notes: Aug.7	Objective: Lesson Overview: Today we will be taking the 1 st benchmark. If time allows we will be taking the Math Facts Test.	Academic Standards:
Thursday	Notes: Aug. 8 1-1	Objective: Students will write and evaluate expressions involving powers and exponents. Lesson Overview: As a class we will work through pages 3-10 in our textbook. There will be no homework given for this section.	Academic Standards: 8.EE.A.1 SL.4
Friday	Notes: Aug. 9	Objective: Lesson Overview: Professional Development Day No school	Academic Standards:

Name: Butterfield		Grading Quarter: 1st	Week Beginning: 08-12-2024
School Year: 2023-2024		Subject: Accelerated Math 7 th 8 th Pre-Algebra	
Monday	Notes: Aug.12	Objective: Review of past math topics. 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 topics. 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 topics. 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 topics. 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 topics. 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: 7 th Accelerated/8 th Pre-Algebra	
Monday	Notes: Aug. 19	Objective: Lesson Overview: No School Navajo Code Talkers Day	Academic Standards:
Tuesday	Notes: Aug. 20 1-1	Objective: Students will write and evaluate expressions involving powers and exponents. Lesson Overview: As a class we will work through pages 3-10. Homework pages 11-12 questions 1-10.	Academic Standards: 8.EE.A.1 SL.4
Wednesday	Notes: Aug. 21 1-2	Objective: Students will use Laws of Exponents to multiply and divide monomials. Lesson Overview: The class will work through pages 13-22. Homework pages 23-24 questions 1-10.	Academic Standards: 8.EE.A.1 SL.4
Thursday	Notes: Aug. 22 1-3	Objective: Students will use Laws of Exponents to find powers of monomials. Lesson Overview: We will work through pages 25-30. Homework pages 31-32 questions 1-10.	Academic Standards: 8.EE.A.1 SL.4
Friday	Notes: Aug. 23	Objective: Lesson Overview: We will be playing a math game today.	Academic Standards:
Name: Butterfield		Grading Quarter: 1st	Week Beginning: 08-26-2024

School Year: 2024-2025		Subject: 7 th Accelerated/8 th Pre-Algebra	
Monday	Notes: Aug. 26 1-4	Objective: Students will simplify expressions that have zero and negative exponents. Lesson Overview: The class will work through pages 33-40 in the textbook. Homework pages 41-42, questions 1-12	Academic Standards: 8.EE.A1 SL.4
Tuesday	Notes: Aug. 27 1-5	Objective: Students will write numbers in scientific notation. Lesson Overview: The class will work through pages 43-52. Homework pages 53-54 questions 1-10	Academic Standards: 8.EE.A3 8.EE.A4 SL.4
Wednesday	Notes: Aug. 28 1-6	Objective: Students will compute with numbers written in scientific notation. Lesson Overview: Students will work through pages 55-60. Homework page 61, questions 1-8	Academic Standards: 8.EE.A.3 8.EE.A.4 SL.4
Thursday	Notes: Aug. 29	Objective: Students will prepare for the Module 1 Test. Lesson Overview: Students will complete pages 65-66, questions 1-14	Academic Standards:
Friday	Notes: Aug. 30	Objective: No School/District Closed Lesson Overview:	Academic Standards:
Name: Butterfield		Grading Quarter: 1st	Week Beginning: 09-02-2024
School Year: 2024-2025		Subject: 7 th Accelerated/8 th Pre-Algebra	

Monday	Notes: Sept. 2	Objective: Lesson Overview: No School/Labor Day	Academic Standards:
Tuesday	Notes: Sept. 3	Objective: We will be reviewing for the Module 1 Test Lesson Overview:	Academic Standards:
Wednesday	Notes: Sept. 4	Objective: We will be taking the Module 1 Test Lesson Overview:	Academic Standards:
Thursday	Notes: Sept. 5 2-1	Objective: Students will convert rational numbers between decimals and fraction forms. Lesson Overview: As a class we will work through pages 69-76. Homework pages 77-78, questions 1-10	Academic Standards: 8.NS.A.1 SL.4
Friday	Notes: Sept. 6	Objective: Today we will be playing a math game. Mingo. Lesson Overview:	Academic Standards:
Name: Butterfield		Grading Quarter: 1st	Week Beginning: 09-09-2024
School Year: 2024-2025		Subject: 7 th Accelerated/8 th Pre-Algebra	

Monday	Notes: Sept 9 2-1	Objective: Students will convert rational numbers between decimal and fraction forms. Lesson Overview: As a class we will work through pages 69-76. Homework page 77, questions 1-10	Academic Standards: 8.NS.A.1 SL.4
Tuesday	Notes: Sept 10 2-2	Objective: Students will find square and cube roots. Lesson Overview: We will work through pages 79-88. Homework pages 89-90, questions 1-12	Academic Standards: 8.EE.A.2 SL.4
Wednesday	Notes: Sept 11 2-3	Objective: Students will identify and describe sets of numbers in the real number system. Lesson Overview: The students will work through pages 91-98. Homework pages 99-100, questions 1-14, 16-18	Academic Standards: 8.NS.A.1 8.EE.A.2 SL.4
Thursday	Notes: Sept 12 2-4	Objective: Students will estimate irrational numbers. Lesson Overview: The class will work through pages 101-108. Homework pages 109-110, questions 1-14.	Academic Standards: 8.NS.A.2
Friday	Notes: Sept 13	Objective: Lesson Overview: We will be playing a math game that covers past math concepts.	Academic Standards:
Name: Butterfield		Grading Quarter: 1st	Week Beginning: 09-16-2024
School Year: 2024-2025		Subject: 7 th Accelerated/8 th Pre-Algebra	

Monday	Notes: Sept 16 2-3	Objective: Students will identify and describe sets of numbers in the real number system. Lesson Overview: The students will work through pages 91-98. Homework pages 99-100, questions 1-14, 16-18	Academic Standards: 8.NS.A.1 8.EE.A.2 SL.4
Tuesday	Notes: Sept 17 2-4	Objective: Students will estimate irrational numbers. Lesson Overview: The class will work through pages 101-108. Homework pages 109-110, questions 1-14.	Academic Standards: 8.NS.A.2
Wednesday	Notes: Sept 18 2-5	Objective: Students will compare and order numbers in the real number system. Lesson Overview: Students will work through pages 111-120. Homework pages 121-122, questions 1-13	Academic Standards: 8.NS.A.1 8.NS.A.2
Thursday	Notes: Sept 19	Objective: Review of Module 2 Lesson Overview: Students will complete questions 1-12 on pages 125-126	Academic Standards:
Friday	Notes: Sept 20	Objective: Take Module 2 Test Lesson Overview:	Academic Standards:
Name: Butterfield		Grading Quarter: 1st	Week Beginning: 09-23-2024
School Year: 2024-2025		Subject: Accelerated 7 th / 8 th Pre-Algebra	

Monday	Notes: Sept 23 3-1	Objective: Students will solve equations with variables on each side. Lesson Overview: Students will work through pages 129-134. Homework pages 135-136, questions 1-12.	Academic Standards: 8.EE.C.7 8.EE.C.7.B SL.4
Tuesday	Notes: Sept 24 3-2	Objective: Students will write and solve equations with variables on each side. Lesson Overview: The class will work through pages 137-142. Homework pages 143-144, questions 1-7.	Academic Standards: 8.EE.C.7 8.EE.C.7.B SL.4
Wednesday	Notes: Sept 25 3-3	Objective: Students will solve multi-step equations with variables on each side. Lesson Overview: Students will work through pages 145-148. Homework page 149, questions 1-6.	Academic Standards: 8.EE.C.7 8.EE.C.7.B SL.4
Thursday	Notes: Sept 26 3-4	Objective: Students will write and solve multi-step equations with variables on each side. Lesson Overview: Students will work through pages 151-156. Homework pages 157-158, questions 1-7.	Academic Standards: 8.EE.C.7 8.EE.C.7.B SL.4
Friday	Notes: Sept 27	Objective: We will be playing a math game that reviews past math concepts. Lesson Overview:	Academic Standards:
Name: Butterfield		Grading Quarter: 1st	Week Beginning: 09-30-2024
School Year: 2024-2025		Subject: 7 th /8 th Pre-Algebra	

Monday	Notes: Sept 30 3-2	Objective: Students will write and solve equations with variables on each side. Lesson Overview: The class will work through pages 137-142. Homework pages 143-144, questions 1-7.	Academic Standards: 8.EE.C.7 8.EE.C.7.B SL.4
Tuesday	Notes: Oct 1 3-3	Objective: Students will solve multi-step equations with variables on each side. Lesson Overview: Students will work through pages 145-148. Homework page 149, questions 1-6.	Academic Standards: 8.EE.C.7 8.EE.C.7.B SL.4
Wednesday	Notes: Oct 2	Objective: Students will write and solve multi-step equations with variables on each side. Lesson Overview: Students will work through pages 151-156. Homework pages 157-158, questions 1-7.	Academic Standards: 8.EE.C.7 8.EE.C.7.B SL.4
Thursday	Notes: Oct 3	Objective: Lesson Overview: Student Fun Day	Academic Standards:
Friday	Notes:	Objective: Lesson Overview: Fall Break	Academic Standards:
Name: Butterfield		Grading Quarter: 2nd	Week Beginning: 10-14-2024
School Year: 2024-2025		Subject: 7 th /8 th Pre-Algebra	

Monday	Notes: Oct 14	Objective: Lesson Overview: Professional Development Day	Academic Standards:
Tuesday	Notes: Oct 15 3-1 3-2	Objective: Students will solve equations with variables on each side. Students will write and solve equations with variables on each side. Lesson Overview: We will be reviewing sections 3-1 and 3-2. Homework will be determined.	Academic Standards: 8.EE.C.7 8.EE.C.7.B SL.4
Wednesday	Notes: Oct 16 3-3	Objective: Students will solve multi-step equations with variables on each side. Lesson Overview: Students will work through pages 145-148. Homework page 149-150, questions 1-10.	Academic Standards: 8.EE.C.7 8.EE.C.7.B SL.4
Thursday	Notes: Oct 17 3-4	Objective: Students will write and solve multi-step equations with variables on each side. Lesson Overview: The class will work through pages 151-156. Homework pages 157-158, questions 1-7.	Academic Standards: 8.EE.C.7 8.EE.C.7.B SL.4
Friday	Notes: Oct 18	Objective: Lesson Overview: Students will be working on their ALEKS Initial Knowledge Check.	Academic Standards:
Name: Butterfield		Grading Quarter: 2nd	Week Beginning: 10-21-2024
School Year: 2024-2025		Subject: 7 th /8 th Pre-Algebra	

Monday	Notes: Oct 21 3-5	Objective: Students will determine the number of solutions to an equation. Lesson Overview: Students will work through pages 159-166. Homework pages 167, questions 1-9	Academic Standards: 8.EE.C.7 8.EE.C.7.A SL.4
Tuesday	Notes: Oct 22 3-5	Objective: Students will determine the number of solutions to an equation. Lesson Overview: Students will work through pages 159-166. Homework pages 167, questions 1-9	Academic Standards: 8.EE.C.7 8.EE.C.7.A SL.4
Wednesday	Notes: Oct 23	Objective: Quiz Lesson Overview: Today we will be taking a quiz that reviews the concepts from Module 3	Academic Standards:
Thursday	Notes: Oct 24	Objective: Module 3 review. Lesson Overview: Today we will be going over pages 171-172 questions 1-12. This is a review for module 3 test.	Academic Standards:
Friday	Notes: Oct 25	Objective: Lesson Overview: Module 3 test	Academic Standards:
Name: Butterfield		Grading Quarter: 2nd	Week Beginning: 10-28-2024
School Year: 2024-2025		Subject: 7 th /8 th Pre-Algebra	

Monday	Notes: Oct 28 4-1	Objective: Students will graph and compare proportional relationships, interpreting the unit rate as the slope of the line. Lesson Overview: We will be working through pages 175-188 over two days. Homework pages 189-190 questions 1-6.	Academic Standards: 8.EE.B.5 SI.4
Tuesday	Notes: Oct 29 4-1	Objective: Students will graph and compare proportional relationships, interpreting the unit rate as the slope of the line. Lesson Overview: We will be working through pages 175-188 over two days. Homework pages 189-190 questions 1-6.	Academic Standards: 8.EE.B.5 SI.4
Wednesday	Notes: Oct 30 4-2	Objective: Students will find the slope of a line from a graph, table, and using the formula. Lesson Overview: Over two days we will be working through pages 191-202. Homework will be pages 203-204 questions 1-8, 11	Academic Standards: 8.EE.B.6 8.F.B.4 8.SP.A.3 SL.4
Thursday	Notes: Oct 31 4-2	Objective: Students will find the slope of a line from a graph, table, and using the formula. Lesson Overview: Over two days we will be working through pages 191-202. Homework will be pages 203-204 questions 1-8, 11	Academic Standards: 8.EE.B.6 8.F.B.4 8.SP.A.3 SL.4
Friday	Notes: Nov 1	Objective: Lesson Overview: Review of past math concepts.	Academic Standards:
Name: Butterfield		Grading Quarter: 2nd	Week Beginning: 11-04-2024
School Year: 2024-2024		Subject: 7 th /8 th Pre-Algebra	

Monday	Notes: Nov 4 4-3	Objective: Students will relate the slope of a line to similar triangles. Lesson Overview: The class will work through pages 205-210 as a class. Homework pages 211-212 questions 1-7.	Academic Standards: 8.EE.B.6 SL.4
Tuesday	Notes: Nov 5 4-4	Objective: Students will derive the equation $y=mx$ from graphs, tables, and verbal descriptions of proportional relationships. Lesson Overview: Students will work through pages 213-222. Homework pages 223-224 questions 1-7	Academic Standards: 8.EE.B.6 SL.4
Wednesday	Notes: Nov 6 4-5	Objective: Students will write linear equations to represent relationships in the form $y=mx +b$ Lesson Overview: The class will work through pages 225- 234. Homework page 235 questions 1-9	Academic Standards: 8.EE.B.6 SL.4
Thursday	Notes: Nov 7 4-6	Objective: Students will graph lines in slope-intercept form, vertical line, and horizontal lines. Lesson Overview: We will work through pages 237-244 as a class. Homework pages 245-246 questions 1-8	Academic Standards: 8.EE.C.8.B 8.F.A.3 SL.4
Friday	Notes: Nov 8	Objective: Lesson Overview: We will be reviewing past concepts and taking a quiz on them.	Academic Standards:
Name: Butterfield		Grading Quarter: 2nd	Week Beginning: 11-11-2024
School Year: 2024-02025		Subject: 7 th /8 th Pre-Algebra	

Monday	Notes: Nov 11	Objective: Veterans Day / No School Lesson Overview:	Academic Standards:
Tuesday	Notes: Nov 12 4-5	Objective: Students will write linear equations to represent relationships in the form $y=mx+b$ Lesson Overview: The class will work through pages 225- 234. Homework page 235 questions 1-9	Academic Standards: 8.EE.B.6 SL.4
Wednesday	Notes: Nov 13 4-6	Objective: Students will graph lines in slope-intercept form, vertical line, and horizontal lines. Lesson Overview: We will work through pages 237-244 as a class. Homework pages 245-246 questions 1-8	Academic Standards: 8.EE.C.8.B 8.F.A.3 SL.4
Thursday	Notes: Nov 14	Objective: Module 4 Review Lesson Overview: We will be reviewing pages 249-250 questions 1-12	Academic Standards:
Friday	Notes: Nov 15	Objective: Lesson Overview: We will be taking the Module 4 Test	Academic Standards:
Name: Butterfield		Grading Quarter: 2nd	Week Beginning: 11-18-2024
School Year: 2024-2025		Subject: 7 th /8 th Pre-Algebra	

Monday	Notes: Nov 18	Objective: Lesson Overview: We will be reviewing all of Module 4 for the test on Tuesday	Academic Standards:
Tuesday	Notes: Nov 19	Objective: Lesson Overview: Module 4 Test	Academic Standards:
Wednesday	Notes: Nov 20 5-1	Objective: Students will identify functions from mapping diagrams, tables, and graphs. Lesson Overview: Students will work through pages 253-260. Homework pages 261-262 questions 1-6	Academic Standards: 8.F.A.1 SL.4
Thursday	Notes: Nov 21 5-2	Objective: Students will create function tables and graph functions. Lesson Overview: The class will work through pages 263-270. Homework pages 271-272 questions 1-8	Academic Standards: 8.F.A.1 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: 7 th /8 th Pre- Algebra	

Monday	Notes: Nov 25 5-3	Objective: Students will construct functions from graphs, tables, and verbal descriptions. Lesson Overview: Students will work through pages 273-282. Homework page 283 questions 1-4	Academic Standards: 8.F.B.4 SL.4
Tuesday	Notes: Nov 26 5-3	Objective: Students will construct functions from graphs, tables, and verbal descriptions. Lesson Overview: Students will work through pages 273-282. Homework page 284 questions 5-8	Academic Standards: 8.F.B.4 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: 7 th /8 th Pre-Algebra	

Monday	Notes: Dec 2 5-2	Objective: Students will create function tables and graph functions. Lesson Overview: The class will work through pages 263-270. Homework pages 271-272 questions 1-8	Academic Standards: 8.F.A.1 SL.4
Tuesday	Notes: Dec 3 5-3	Objective: Students will construct functions from graphs, tables, and verbal descriptions. Lesson Overview: Students will work through pages 273-282. Homework page 283 questions 1-4	Academic Standards: 8.F.B.4 SL.4
Wednesday	Notes: Dec 4 5-3	Objective: Students will construct functions from graphs, tables, and verbal descriptions. Lesson Overview: Students will work through pages 273-282. Homework page 284 questions 5-8	Academic Standards: 8.F.B.4 SL.4
Thursday	Notes: Dec 5 5-4	Objective: Students will compare functions represented in different forms. Lesson Overview: Students will work through pages 285-290. Homework page 291 questions 1-2	Academic Standards: 8.F.A.2 SL.4
Friday	Notes: Dec 6 5-5	Objective: Students will identify nonlinear functions using tables graphs, and equations. Lesson Overview: The class will work through pages 293-302. No homework.	Academic Standards: 8.F.A.3 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: