

ALGEBRA 1 UNIT 1 OVERVIEW CHECKLIST

This is your checklist to be sure you have received all of the correct lessons with their accompanying readings, student pages, and teacher pages. In addition, you will receive an **Algebra 1 Year Long Outline** and an **Algebra 1 Unit 1 Calendar**.

LESSON #	LESSON TITLE	READING/S	STUDENT PAGES	TEACHER PAGES
Lesson 1	Welcome/Introduction; Assessment, Part 1	-----	-----	Algebra Sample Syllabus
Lesson 2	Assessment, Part 2	-----	-----	-----
Lesson 3 Computer Lab	Introduction to the Computer in Math	-----	-----	-----
Lesson 4	Introduction to the Variable	<i>Symbols of Progress</i> , from <u>The Language of Mathematics</u> by Keith Devlin.	Homework Lesson 4	Homework lesson 4 Key
Lesson 5	Introduction to the Group Project: The Play	<i>Stomp Out Loud</i> – Film	-----	-----
Lesson 6	Variables and the Naming of Variables	-----	Homework Lesson 6: Variables and the Naming of Variables	Homework Lesson 6 Key: Variables and the Naming of Variables
Lesson 7	An Equation	-----	-----	-----
Lesson 8	A System of Equations	<i>These Days</i> , from <u>The Language of Mathematics</u> by Keith Devlin.	-----	-----
Lesson 9	Math as Part of a Language	-----	-----	-----
Lesson 10	The Play	-----	Checklist for Concepts in Algebra 1 Unit 1* Musical Rubric*	-----
Lesson 11	Introduction to Sets	-----	-----	-----
Lesson 12	Equivalent Sets, Union, Intersection, Adding and Subtracting Sets	-----	-----	-----
Lesson 13	Size of Sets	<i>The Child Genius</i> , from <u>The Language of Mathematics</u> by Keith Devlin.	-----	-----

Lesson 14 Computer Lab	Computers: Basic Spreadsheet Use	-----	Alg1u1less14_data (Excel data) Alg1u1less14_Spreadsheet	-----
Lesson 15	The Play	-----	Checklist for Concepts in Algebra 1 Unit 1* Musical Rubric*	-----
Lesson 16	Order of Sets and Infinite Sets	-----	-----	-----
Lesson 17	Equations with Forms: $X + X$, $2X$, $X + X + X$, $3X$	-----	Homework Lesson 17	Homework Lesson 17 Key
Lesson 18	Equations with Forms: $X + Y$, $2X + 2Y$, $2 * (X + Y)$	-----	Homework Lesson 18	Homework Lesson 18 Key
Lesson 19	Equations with Forms: $X + 2Y$, $Y + Y + Z$, $X + 2Y + 2Z$	-----	Homework Lesson 19	Homework Lesson 19 Key
Lesson 20	The Play	-----	Checklist for Concepts in Algebra 1 Unit 1* Musical Rubric*	-----
Lesson 21	Equations with Forms: $X * Y$, $X * Y * Z$, $X * X$, $X * X * X$, $X ** 2$, $X ** 3$	-----	Homework Lesson 21	Homework Lesson 21 Key
Lesson 22	Closure, Associative, and Commutative	-----	Homework Lesson 22	Homework Lesson 22 Key
Lesson 23	Properties of Equality: Reflexive, Symmetric, and Transitive	-----	Homework Lesson 23	Homework Lesson 23 Key
Lesson 24 Computer Lab	Computers: Second Spreadsheet Lesson	-----	Alg1u1less14_data (Excel data) Alg1u1less14_Spreadsheet	-----
Lesson 25	The Play	-----	Checklist for Concepts in Algebra 1 Unit 1 Musical Rubric	-----

Lesson 26	Monomials, Polynomials, Coefficients, and the Degree of a Polynomial	-----	-----	-----
Lesson 27	Distributive, Simplification	-----	-----	-----
Lesson 28	Equality and Inequality: $X = 2$, $X > 2$, $2 > X$, $X < 2$, $2 < X$, $X = Y$, $X > Y$, $X < Y$	-----	-----	-----
Lesson 29	Equality and Inequality with More Than One Variable: $X+Y=2$, $X>Y$, $X+Y>2$, $X+Y>W+Z$	-----	-----	-----
Lesson 30	The Play	-----	Checklist for Concepts in Algebra 1 Unit 1* Musical Rubric*	-----
Lesson 31	Additive axiom of Zero, Axiom of Additive Inverses, Additive Property of Equality, Multiplicative Property of Equality	-----	-----	-----
Lesson 32	Axiom of Comparison, Transitive Axiom of Inequality, Additive Axiom of Inequality	-----	-----	-----
Lesson 33	Multiplicative Axiom of Inequality, Solving Inequalities	-----	Lesson 33 Homework	Lesson 33 Homework Key
Lesson 34 Computer Lab	Computers: Final Introductory Spreadsheet Lesson	-----	Lesson 34: Spreadsheet	-----
Lesson 35	The Play	-----	Checklist for Concepts in Algebra 1 Unit 1* Musical Rubric*	-----
Lesson 36	Introduction to Problems and Solutions	-----	-----	-----
Lesson 37	Negative Numbers and Subtraction, Solving Problems	-----	-----	-----

Lesson 38	Rules for Adding and Subtracting Polynomials, Apples and Oranges, Solving Problems	-----	-----	-----
Lesson 39	More on Adding and Subtracting Polynomials, Square and Cube Terms, Solving Problems	-----	-----	-----
Lesson 40	The Play	-----	Checklist for Concepts in Algebra 1 Unit 1* Musical Rubric*	-----
Lesson 41	Preparing for Presentation of the Play	-----	Checklist for Concepts in Algebra 1 Unit 1* Musical Rubric*	-----
Lesson 42	Presentation of the Play	-----	Musical Rubric*	-----
Lesson 43	Review Test	-----	-----	Review Test Review Test Key
Lesson 44	Unit 1 Exam, Part I: Practical Exam	-----	-----	Final Exam Part I: Practical Exam Final Exam Part I Key
Lesson 45	Final Exam	-----	-----	Final Exam, Part II Final Exam, Part II Key

*These are pages you will use more than once. You will receive only one copy of each to be used with multiple lessons.