

Algebra 1 - PSP - Unit 1 Expression and Equations

Learning Goals-Students will...	Key Questions/Talking Points for Families	Important Assessments and Resources
<u>Know</u> • How to translate words into algebraic expressions • Order of operations • Properties of real numbers: - Distributive Property - Zero Product Property - Properties of 1 and -1	• How do multiplication and the distributive property work with each other? • What words or phrases can be used for addition? Subtraction? Multiplication? Division? • What impact does a sign have on a sum or difference? On a product or quotient?	<u>Assessments</u> • Unit Test - First week of October • Homework and check-ins throughout UNIT
<u>Understand</u> • Why the order of operations is important • The impact a sign (positive/negative) has on numerical operations		<u>Teacher contacts:</u> Tierinni/Bentsen Tierinni/Bell Psutka/Bell Psutka/McClory Bentsen/McClory Kessel/Mazzotta http://publicschools.manchesterct.gov/page.cfm?p=656
<u>Do</u> • Add, subtract, multiply and divide real numbers (with and without a calculator) • Apply the order of operations • Apply the distributive property on expressions		<u>Resources:</u> • Link to Pearson Algebra Textbook Support (Chapter 1) • Khan SAT Practice • Khan Unit 1 Practice • Video Tutorials Website

Algebra 1 - PSP - Unit 2: Solving Equations

Learning Goals-Students will...	Key Questions/Talking Points for Families	Important Assessments and Resources
<u>Know</u> • How to solve 1-step, two step, and multistep equations <u>Vocabulary or Topics</u> • Equivalent Equations • Isolate • Inverse operation • Identity • Literal Equations and Formulas • Cross Products • Similar Figures • Percent Change • Percent Increase • Percent Decrease	• Can equations that appear to be different be equivalent? • How can you solve equations? • What kinds of relationships can proportions represents?	<u>Assessments</u> • Unit Test - Beginning of November • Homework and check-ins throughout UNIT
<u>Understand</u> • The difference between solving an equation and simplifying an expression.		<u>Teacher contacts:</u> Tierinni/Bentsen Tierinni/Bell Psutka/Bell Psutka/McClory Bentsen/McClory Kessell/Mazzotta http://publicschools.manchesterct.gov/page.cfm?p=656
<u>Do</u> •		<u>Resources:</u> • Link to Pearson Algebra Textbook Support (Chapter 1) • Khan SAT Practice • Video Tutorials Website

Algebra 1 - PSP - Unit 3: Inequalities

Learning Goals-Students will...	Key Questions/Talking Points for Families	Important Assessments and Resources
<u>Know</u> • Vocabulary or Topics •	•	<u>Assessments</u> • Unit Test - End of September • Homework and check-ins throughout UNIT
<u>Understand</u> •		<u>Teacher contacts:</u> Tierinni/Bentsen Tierinni/Bell Psutka/Bell Psutka/McClory Bentsen/McClory Kessell/Mazzotta http://publicschools.manchesterct.gov/page.cfm?p=656
<u>Do</u> •		<u>Resources:</u> • Link to Pearson Algebra Textbook Support (Chapter 1) • Khan SAT Practice • Video Tutorials Website

Algebra 1 - PSP - Unit 4: Linear Equations

Learning Goals-Students will...	Key Questions/Talking Points for Families	Important Assessments and Resources
<u>Know</u> • Vocabulary or Topics •	•	<u>Assessments</u> • •
<u>Understand</u> •		<u>Teacher contacts:</u> Tierinni/Bentsen Tierinni/Bell Psutka/Bell Psutka/McClory Bentsen/McClory Kessell/Mazzotta http://publicschools.manchesterct.gov/page.cfm?p=656
<u>Do</u> •		<u>Resources:</u> • Link to Pearson Algebra Textbook Support (Chapter 1) • Khan SAT Practice • Video Tutorials Website

Algebra 1 - PSP - Unit 5: Systems of Linear Equations

Learning Goals-Students will...	Key Questions/Talking Points for Families	Important Assessments and Resources
<u>Know</u> • Vocabulary or Topics •	•	<u>Assessments</u> • Unit Test - End of September • Homework and check-ins throughout UNIT
<u>Understand</u> •		<u>Teacher contacts:</u> Tierinni/Bentsen Tierinni/Bell Psutka/Bell Psutka/McClory Bentsen/McClory Kessel/Mazzotta http://publicschools.manchesterct.gov/page.cfm?p=656
<u>Do</u> •		<u>Resources:</u> • Link to Pearson Algebra Textbook Support (Chapter 1) • Khan SAT Practice • Video Tutorials Website

Algebra 1 - PSP - Unit 6: Polynomials

Learning Goals-Students will...	Key Questions/Talking Points for Families	Important Assessments and Resources
<u>Know</u> • Vocabulary or Topics •	•	<u>Assessments</u> • Unit Test - End of September • Homework and check-ins throughout UNIT
<u>Understand</u> •		<u>Teacher contacts:</u> Tierinni/Bentsen Tierinni/Bell Psutka/Bell Psutka/McClory Bentsen/McClory Kessell/Mazzotta http://publicschools.manchesterct.gov/page.cfm?p=656
<u>Do</u> •		<u>Resources:</u> • Link to Pearson Algebra Textbook Support (Chapter 1) • Khan SAT Practice • Video Tutorials Website