

6th Grade Unit 3 Support
Expressions and Equations
2014-15

CCSS/MPS	Activity	Khan Academy Link
6.EE.A.1	Activity 11	<p>“Introduction to Order of Operations”</p> https://www.khanacademy.org/math/algebra-basics/core-algebra-foundations/algebra-foundations-order-of-operations/v/introduction-to-order-of-operations
6.EE.A.2		
6.EE.A.2a		
6.EE.A.2b		<p>“Order of Operations Example”</p> https://www.khanacademy.org/math/algebra-basics/core-algebra-foundations/algebra-foundations-order-of-operations/v/order-of-operations
6.EE.A.2c		
6.EE.A.3		
6.EE.A.4		<p>“Writing Expressions”</p> https://www.khanacademy.org/math/algebra-basics/core-algebra-expressions/core-algebra-variables-and-expressions/e/writing_expressions_1
6.EE.B.6		
MP1		<p>“Evaluating Expressions”</p> https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-expressions-and-variables/cc-6th-evaluating-expressions/v/variables-and-expressions-1
MP7		
MP2		
MP4		<p>“Evaluating Expressions with Exponents”</p> https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-expressions-and-variables/cc-6th-evaluating-expressions/v/evaluating-exponential-expressions
		<p>“Writing Algebraic Expressions”</p> https://www.khanacademy.org/math/algebra/introduction-to-algebra/writing-expressions-tutorial/v/writing-expressions-2
		<p>“Equivalent Forms of Expressions”</p> https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-expressions-and-variables/cc-6th-equivalent-expressions/v/equivalent-forms-of-expressions-1
		<p>“Combining Like Terms”</p> https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-expressions-and-variables/cc-6th-equivalent-expressions/v/combining-like-terms

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6.EE.B.5 6.EE.B.6 6.EE.B.7 MP2 MP4 MP6	Activity 12	<p>“Constructing One-Step Equations” https://www.khanacademy.org/math/algebra/solving-linear-equations-and-inequalities/super-yoga/v/constructing-and-solving-equations-in-the-real-world-1-exercise</p> <p>“Variables, Expressions and Equations” https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-expressions-and-variables/cc-6th-equations-inequalities/v/variables-expressions-and-equations</p> <p>“Testing Solutions to Equations” https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-expressions-and-variables/cc-6th-equations-inequalities/v/testing-solutions-to-equation</p>
6.EE.B.7 MP1 MP2 MP3 MP4 MP6	Activity 13	<p>“Simple Equations – Achieving Balance” https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-expressions-and-variables/cc-6th-solving-equations/v/why-we-do-the-same-thing-to-both-sides-simple-equations</p> <p>“One Step Equation intuition” https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-expressions-and-variables/cc-6th-solving-equations/v/one-step-equation-intuition-exercise-intro</p> <p>“Solving Equations of the form $a+x=b$” https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-expressions-and-variables/cc-6th-beginner-equations/v/solving-one-step-equations</p> <p>“Adding & Subtracting From Both Sides of an Equation” https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-expressions-and-variables/cc-6th-solving-equations/v/adding-and-subtracting-the-same-thing-from-both-sides</p>
6.EE.B.7 MP1 MP2 MP7	Activity 14	<p>“Solving Equations of the form $ax=b$” https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-expressions-and-variables/cc-6th-beginner-equations/v/simple-equations</p>

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		<p>“Solving Equations of the form $x/a=b$” https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-expressions-and-variables/cc-6th-beginner-equations/v/solving-one-step-equations-2</p>
6.EE.B.5 6.EE.B.8	Activity 15	<p>“Constructing a One-Step Inequality” https://www.khanacademy.org/math/algebra-basics/core-algebra-linear-equations-inequalities/core-algebra-linear-inequalities/v/inequalities</p> <p>“Substituting variables and solving for an Inequality” https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-expressions-and-variables/cc-6th-equations-inequalities/v/solving-equations-and-inequalities-through-substitution-example-4</p> <p>“Testing Solutions to Inequalities” https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-expressions-and-variables/cc-6th-equations-inequalities/v/testing-solutions-to-inequalities</p> <p>“Multiplying and Dividing with Inequalities” https://www.khanacademy.org/math/algebra-basics/core-algebra-linear-equations-inequalities/core-algebra-linear-inequalities/v/inequalities-using-multiplication-and-division</p> <p>“Solving One-Step Inequalities” https://www.khanacademy.org/math/algebra-basics/core-algebra-linear-equations-inequalities/core-algebra-linear-inequalities/v/one-step-inequalities</p>
6.EE.C.9	Activity 16	<p>“Dependent and Independent Variables in Table” https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-expressions-and-variables/cc-6th-dependent-independent/v/dependent-and-independent-variables-exercise-example-1</p>

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<p>“Dependent and Independent Variables in Graph” https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-expressions-and-variables/cc-6th-dependent-independent/v/dependent-and-independent-variables-exercise-example-2</p>
<p>“Dependent and Independent Variables in Equation” https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-expressions-and-variables/cc-6th-dependent-independent/v/dependent-and-independent-variables-exercise-example-3</p>