Sixth Grade **Math Learning Progression**

Vocabulary: variable, commutative, expression, non-negative, sum, distributive, associative, order of operations, property, decimal, difference, product, quotient

Apply the commutative property to solve expressions including with fractions, whole numbers, nonnegative decimals

Apply the associative property to solve expressions including with fractions, whole numbers, non-

Apply the distributive property to solve expressions including with fractions, whole numbers, nonnegative decimals

Solve variable expressions when a value is given for each variable by using the commutative, associative, or distributive properties

Apply the Order of Operations to evaluate algebraic mathematical expressions (), x^2 , \bullet , \div , +, -

Apply commutative, associative, and distributive properties, and use the order of operations to evaluate math expressions CCSSM 6.EE.3

6.2.D

negative decimals

"I can apply the distributive property to solve expressions including with fractions, whole numbers, nonnegative decimals."

Formative Assessments:

Color Tiles Graph paper Bean Sticks Lesson II

"I can solve variable expressions when a value is given for each variable by using the commutative, associative, or distributive properties."

Formative Assessments: Bean Sticks Lessons

Algebra Tiles Graph paper

"I can apply the Order of Operations to evaluate algebraic mathematical expressions."

Formative Assessments:

Choose 6 digits lesson Number Jumbler 5 dice

6 playing cards

"I can apply the commutative property to solve expressions including with fractions, whole numbers, nonnegative decimals."

Formative Assessments:

Color Tiles Graph paper Bean Sticks Lesson II **Formative Assessments:**

whole numbers, non-

negative decimals."

associative property to

including with fractions,

"I can apply the

solve expressions

Color Tiles Graph paper Bean Sticks Lesson II **Northwest Educational Service District 189** Together We Can

Math & Science Collaborative Inquiry Project