"Unwrapping" the Standards

1. Choose a course priority standard for the "unwrapping process".
2. Skills: Circle the verbs – what *students* need to do.
3. Concepts: Underline nouns and noun phrases that represent *teachable concepts*.
4. Compose Big Idea statements

Content Area: Math

Grade Level: 6th

Standard: 6.EE.2

Domain: Expressions and Equations (EE)
Cluster: Apply and extend previous understandings of arithmetic to algebraic expressions
Standard: **6.EE.2 -** Write, read, and evaluate expressions in which letters stand for numbers. **(DOK 1,2)**

- **a.** Write expressions that record operations with numbers and with letters standing for numbers.
- **b.** Identify parts of an expression using mathematical terms (sum, term, product, factor, quotient, coefficient); view one or more parts of an expression as a single entity.
- **c.** Evaluate expressions at a specific values of their variables. Include expressions that arise from formulas used in real-world problems. Perform arithmetic operations, including those involving whole-number exponents, in the conventional order when there are no parenthesis to specify a particular order.

1. Skills (verbs)	2. Key Concepts (nouns/noun phrases)	3. Additional Clarifications / Examples
Students need to be able to do……	Students need to know…..	
Write, read, and evaluate Write Identify View	expressions in which letters stand for numbers expressions that record operations with numbers and with letters standing for numbers. Example: Express the calculation "Subtract y from 5" as 5-y. Write the expression "2 more than 4 times m" as 2 + 4m. parts of an expression using mathematical terms (sum, term, product, factor, quotient, coefficient) one or more parts of an expression as a single entity.	Student is able to correctly use the terms (sum, difference, product, quotient, less than, more than, quantity, times, divide, etc.) to write an expression when given a description. Student should write one- and two-step expressions. Student should be using all forms of the division and multiplication sign (dots, parentheses, asterisks, ÷ , fractions as division)

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Evaluate	expressions at a specific values of their variables. Include expressions that arise from formulas used in real-world problems. Example: 10-x /2 when x = 8 Example: Jimmy earns $7 for every lawn he mows, and spends $20 in gas a month. What would Jimmy's profit be is he mows 6 lawns, using the expression 7x-20.	
Perform	arithmetic operations, including those involving whole-number exponents, in the conventional order when there are no parenthesis to specify a particular order.	
4. Big Idea(s) in student language Students will be able to read, write, and evaluate one- and two-step expressions, including those that arise from real-world problems.		