Interpret the structure of expressions (Standard A.SSE.1)

**Standard A.SSE.1:** Interpret expressions that represent a quantity in terms of its context.

- a. Interpret parts of an expression, such as terms, factors, and coefficients.
- b. Interpret complicated expressions by viewing one or more of their parts as a single entity. *For example, interpret \( P (1+r)^n \) as the product of \( P \) and a factor not depending on \( P \).*

**Concepts and Skills to Master**

- Given an expression, identify the terms, base, exponents, coefficients, and factors.
- Determine the real world context of the variables in an expression.
- Explain the context of different parts of a formula.

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<th>Related Standards: Current Course</th>
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**Support for Teachers**

**Critical Background Knowledge (Access Background Knowledge)**

- Understand that rewriting an expression can highlight quantities (*7.EE.2*)
- Determine rate of change and initial value of a function (*8.F.3, 8.F.4*)
- Interpret unit rate as the slope (*8.EE.5*)

**Academic Vocabulary**
- Exponents, factors, terms, bases, coefficients, expression

**Resources:**
- Curriculum Resources: http://www.uen.org/core/core.do?courseNum=5600#70114