



Clarification of High School Content Expectations
(also referred to as “Unpacking” the standards)

HSCE Code: **A1.1.2 Know** the definitions and properties of exponents and roots and **apply** them in algebraic expressions.

Step 1 Use a highlighter and identify *verbs*

Step 2 Use a dictionary or thesaurus to define verb(s) <http://www.m-w.com/>

know -	apply -
think retrieve	practice <u>use</u>
recall recollect	give employ
<u>remember</u>	utilize

Step 3 Determine which definition of the verb(s) to use and circle it

Step 4 Define the *context* and *skills* for teachers

Definitions and properties of exponents and roots

Algebraic expression - a group of mathematical symbols representing a number or quantity

Step 5 Write the expectation using the clarified verb, context and skills from steps 3 and 4

Students are able to remember the definitions and properties of exponents and roots and use them in algebraic expressions.

Step 6 Rewrite as an “I can” statement (from the student’s perspective)

I can remember the definitions and properties of exponents and roots and use exponents and roots in algebraic expressions.