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| **Clarity for Learning** |
| **Standard KY.6.EE.6** Use variables to represent numbers and write expressions when solving a real-world or mathematical problem; understand that a variable can represent an unknown number, or depending on the purpose at hand, any number in a specified set. |
| **Concepts (Nouns)**variablesnumbersexpressionsspecified settermscoefficient | **Skills (Verbs)**usewriteunderstandrepresentdepend |
| **Learning Progressions***Prerequisite:** Write numerical expressions to represent real-world contexts.
* Understand that variables represent an unknown value.
* Recognize key words to determine appropriate math operations.

*Grade level skills:** Use hands-on materials (hands-on equations, algebra tiles, etc.) to represent variables and numbers in expressions, and in a real-world context.
* Understand that a variable can represent an unknown number, or unknown quantity in real world context and write an expression to show this.
* Use precise mathematical language when identifying parts of an expression (i.e. variables, terms, coefficients, product, factor).
* Use variables to represent numbers, write expressions and represent unknown quantities in a real-world context.

*Clarifications:*Represent an unknown quantity in real-world context appropriately with a variable and write an expression to show this.KY.6.EE.6→KY.7.EE.4 |
| **Learning Intentions (I am learning to...)** | **Success Criteria (I know I’m successful when...)** |
| Write algebraic expressions using variables to describe situations in which some of the information is unknown. | * I can represent relationships between known and unknown quantities by using numbers, variables and symbols.
* I can identify the parts of an expression using specific mathematical language.
* I can write algebraic expressions for mathematical and real-world situations.
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