Topic 4 Math Key Understandings

I CAN:

* Multiply up to 4-digit by 1-digit numbers using the method of your choice
	+ Example: 2,457 x 8
* Understand Multiplication Properties
	+ Associative, Commutative, Identity, Zero.
* Recognize Partial-Products or Breaking Apart Method
	+ 5 x 423
		- (5 x 400) + (5 x 20) + (5 x 3) =
* Multiply by 10 and 100
	+ 4 x 10 = 40
	+ 4 x 100 = 400
* Multiply by Multiples of 10 and 100
	+ 4 x 20 = 80
	+ 4 x 200 = 800
* Use rounding to estimate products
* Solve multi-step problems with strip diagrams
* Be able to describe and apply arrays using the Expanded Algorithm (AKA Partial Products; AKA Breaking Apart)

Resource Materials:

* Your Envision Math workbook pages
* Notes in your math spiral