5.2 LEARNING GOAL PROGRESSION

Use the template to show how a learning goal in your grade/course is linked to the prior knowledge and/or learning goals of a previous grade/course.

making
MATH
MOMENTS
that MATTER

PRIOR KNOWLEDGE REQUIRED

TOPIC / CONCEPT / BIG IDEA / STANDARD / EXPECTATION

3+3+3+3+3= 5X3

PRIOR KNOWLEDGE REQUIRED

TOPIC / CONCEPT / BIG IDEA / STANDARD / EXPECTATION

3x3x3x3x3= 3 (exponent) 5

base (number that keeps appearing)
exponent (how many times base appears)
power (equals the base times itself
as stated by exponent)

PRIOR KNOWLEDGE REQUIRED

TOPIC / CONCEPT / BIG IDEA / STANDARD / EXPECTATION

comfort with multiplication, manipulative,
grouping and / or calculator to work with
numbers.

PRIOR KNOWLEDGE REQUIRED

TOPIC / CONCEPT / BIG IDEA / STANDARD / EXPECTATION

Understanding that variables can
be replaced to indicate numbers
a (exponent) n= a x a x a
a is base
n is exponent

NEW LEARNING GOAL

TOPIC / CONCEPT / BIG IDEA / STANDARD / EXPECTATION

repeated multiplication through exponents with numbers and variables

$5 \cdot 5 \cdot 5 \cdot 5$

$0.12 \cdot 0.12 \cdot 0.12 \cdot 0.12 \cdot 0.12$

$mn \cdot mn \cdot mn \cdot mn \cdot mn$

$\left(\frac{3}{8}\right)^4$

-3.4^4