

Module Achievement Descriptors and Content Standards by Lesson

● Pre-test standard ■ Post-test standard

A Topic 1 Lesson

Achievement Descriptor	Aligned NGMLS	A 1	A 2	A 3	A 4	B 5	B 6	B 7	B 8	B 9	B 10	C 11	C 12	C 13	C 14	C 15	D 16	D 17	D 18	D 19	D 20	E 21	E 22	E 23	E 24	
8.Mod1.AD1	NY-8.NS.1 NY-8.EE.2																							●		
8.Mod1.AD2	NY-8.NS.2																								●	
8.Mod1.AD3	NY-8.NS.2																						●		●	
8.Mod1.AD4	NY-8.NS.2																						●		●	
8.Mod1.AD5	NY-8.EE.1					●	●	●	●	●	●															
8.Mod1.AD6	NY-8.EE.2																	●				●				●
8.Mod1.AD7	NY-8.EE.2																	●	●							
8.Mod1.AD8	NY-8.EE.3	■		■				■				■														
8.Mod1.AD9	NY-8.EE.3		■																							
8.Mod1.AD11	NY-8.EE.4		■										■	■												
8.Mod1.AD12	NY-8.EE.4		■		■											■										

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8.Mod1.AD13	NY-8.EE.4														■										
8.Mod1.AD14	NY-8.EE.4												■												
8.Mod1.AD15	NY-8.G.7																		●	●	●				

Why are operations with numbers written in scientific notation in this module if NY-8.EE.3 and NY.8.EE.4 are post-test standards?

The module begins with students using their knowledge of exponents and place value, which creates an accessible entry point to the module’s learning. When students write the many factors of 10, there is an opportunity for a productive struggle that leads to a need for the properties and definitions of exponents. Students operate with numbers written in scientific notation to become fluent in applying the properties and definitions of exponents.

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8.Mod2.AD1	NY-8.G.1 NY-8.G.1a NY-8.G.1b NY-8.G.1c	●	●	●		●		●	●														
8.Mod2.AD2	NY-8.G.2									●		●	●										
8.Mod2.AD3	NY-8.G.2							●	●		●		●										
8.Mod2.AD4	NY-8.G.3				●		●			●													
8.Mod2.AD5	NY-8.G.5													●		●	●						
8.Mod2.AD6	NY-8.G.5												●		●	●	●						
8.Mod2.AD7	NY-8.G.6																	●	●	●			
8.Mod2.AD8	NY-8.G.7																			●		●	●
8.Mod2.AD9	NY-8.G.8																				●		●

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8.Mod3.AD1	NY-8.EE.6																	●
8.Mod3.AD2	NY-8.G.3	●	●	●	●	●	●	●	●	●	●						●	
8.Mod3.AD3	NY-8.G.3								●									●
8.Mod3.AD4	NY-8.G.4											●	●	●				
8.Mod3.AD5	NY-8.G.4											●	●					
8.Mod3.AD6	NY-8.G.5												●	●	●	●	●	
8.Mod3.AD7	NY-8.G.7																●	

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8.Mod4.AD2	NY-8.EE.B													●	●							●	●	●	●	●	●		
8.Mod4.AD3	NY-8.EE.B												●	●	●														
8.Mod4.AD4	NY-8.EE.B																										●	●	
8.Mod4.AD5	NY-8.EE.5																●												
8.Mod4.AD6	NY-8.EE.5															●													
8.Mod4.AD7	NY-8.EE.6																●	●	●	●									
8.Mod4.AD8	NY-8.EE.6																					●							
8.Mod4.AD9	NY-8.EE.7		●	●	●							●	●																
8.Mod4.AD10	NY-8.EE.7a							●	●	●	●																		
8.Mod4.AD11	NY-8.EE.7b	●	●	●		●	●	●	●		●	●																	
8.Mod4.AD12	NY-8.NS.1					●																							

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8.Mod5.AD6	NY-8.F.1	●	●		●	●																		
8.Mod5.AD7	NY-8.F.2							●	●															
8.Mod5.AD8	NY-8.F.3			●			●				●													
8.Mod5.AD9	NY-8.F.4						●	●																●
8.Mod5.AD10	NY-8.F.4 NY-8.SP.3						●	●																
8.Mod5.AD11	NY-8.F.5									●	●													
8.Mod5.AD12	NY-8.F.5									●	●													
8.Mod5.AD13	NY-8.SP.1											●	●											
8.Mod5.AD14	NY-8.SP.2													●		●	●	●						
8.Mod5.AD15	NY-8.SP.3														●	●	●	●						
8.Mod5.AD16	NY-8.G.9																		●	●	●	●	●	

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8.Mod6.AD14	NY-8.EE.8a	■	■	■	■	■		■		■	■				■
8.Mod6.AD15	NY-8.EE.8b						■	■	■	■	■	■	■	■	■
8.Mod6.AD16	NY-8.EE.8b	■			■	■									■
8.Mod6.AD17	NY-8.EE.8a NY-8.EE.8b			■	■						■				
8.Mod6.AD18	NY-8.EE.8c	■										■	■	■	