

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	A 5	B 6	B 7	B 8	B 9	C 10	C 11	C 12	C 13	C 14	C 15	D 16	D 17	D 18	D 19	D 20	D 21	D 22	E 23	E 24
4.Mod1.AD1	NY-4.OA.1	●	●	●	●		●																		
4.Mod1.AD2	NY-4.OA.1	●	●	●	●		●																		
4.Mod1.AD3	NY-4.OA.2	●	●	●	●																				
4.Mod1.AD4	NY-4.OA.3b															●	●								
4.Mod1.AD5	NY-4.OA.3 NY-4.OA.3a NY-4.OA.3b																	●					●	●	
4.Mod1.AD6	NY-4.NBT.1						●																		
4.Mod1.AD7	NY-4.NBT.2a					●		●	●		●	●													
4.Mod1.AD8	NY-4.NBT.2b									●															
4.Mod1.AD9	NY-4.NBT.3												●	●	●	●									
4.Mod1.AD10	NY-4.NBT.4																●	●	●	●	●	●	●		
4.Mod1.AD11	NY-4.MD.1																							■	■
4.Mod1.AD12	NY-4.MD.2 NY-4.MD.2a																							■	■
4.Mod1.AD13	NY-4.OA.2	●		●																					

Why are lessons 23 and 24, lessons aligned to the post-test standards of NY-4.MD.1 and NY-4.MD.2, included in module 1?

Having students conclude the topic with metric conversions provides an opportunity for students to strengthen their understanding of multiplicative comparisons through real-world examples.

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4.Mod2.AD1	NY-4.OA.2									●											●							
4.Mod1.AD13	NY-4.OA.2									●																		
4.Mod2.AD2	NY-4.OA.4																						●	●				
4.Mod2.AD3	NY-4.OA.4																								●	●	●	
4.Mod2.AD4	NY-4.OA.4																						●	●			●	
4.Mod2.AD5	NY-4.OA.5																											●
4.Mod2.AD6	NY-4.NBT.5	●			●	●	●	●	●	●	●																	
4.Mod2.AD7	NY-4.NBT.6		●									●	●	●	●	●	●											
4.Mod2.AD8	NY-4.MD.1																		■									
4.Mod2.AD9	NY-4.MD.2 NY-4.MD.2a																		■			■						
4.Mod2.AD10	NY-4.MD.2b																		■			■						
4.Mod2.AD11	NY-4.MD.3			●				●												●	●	●						
4.Mod2.AD14	NY-4.OA.5																											●

Why is lesson 17, a lesson aligned to the post-test standards of NY-4.MD.1 and NY-4.MD.2, included in module 2, and why does lesson 20 have word problems that involve conversion of measurement units?

Having students express customary length measurements in terms of smaller units provides an opportunity for them to strengthen their understanding of multiplicative relationships through real-world application.

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4.Mod3.AD1	NY-4.OA.3 NY-4.OA.3a NY-4.OA.3b																					●	●	●	●
4.Mod3.AD2	NY-4.NBT.5		●	●						●	●	●	●	●	●	●	●	●							
4.Mod3.AD3	NY-4.NBT.6	●			●	●	●	●	●													●	●		
4.Mod3.AD4	NY-4.MD.1																		■	■	■				
4.Mod3.AD5	NY-4.MD.2 NY-4.MD.2a																		■	■	■				

Why are lessons 18, 19, and 20 included in module 3 when these lessons are aligned to the NY-4.MD.1 and NY-4.MD.2 post-test standards?

In these lessons, students express units of time, customary units of weight, and liquid volumes in terms of smaller units. These lessons provide real-world examples that enable students to use their knowledge of multiplying by multiples of 10 and multiplying two-digit numbers by one- or two-digit numbers to make conversions. The idea of *times as much* in multiplication (NY-4.OA.1) is connected to student work with units of measure (NY-4.MD.1, NY-4.MD.2).

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4.Mod4.AD1	NY-4.NF.1								●	●	●	●	●																									
4.Mod4.AD2	NY-4.NF.1								●	●	●	●	●																									
4.Mod4.AD3	NY-4.NF.2														●	●	●	●	●																			
4.Mod4.AD4	NY-4.NF.3a NY-4.NF.3b	●	●	●	●	●	●	●												●	●	●	●	●														
4.Mod4.AD5	NY-4.NF.3c																								●	●												
4.Mod4.AD6	NY-4.NF.3c																										●	●	●									
4.Mod4.AD7	NY-4.NF.3d NY-4.MD.2 NY-4.MD.2a																			●		●	●			●				●	●							
4.Mod4.AD8	NY-4.NF.4a																																		●			
4.Mod4.AD9	NY-4.NF.4b																																			●	●	●
4.Mod4.AD10	NY-4.NF.4c NY-4.MD.2 NY-4.MD.2a																																				●	
4.Mod4.AD11	NY-4.MD.4																																			●	●	

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4.Mod5.AD6	NY-4.MD.5 NY-4.MD.5a NY-4.MD.5b							●	●	●	●	●										
4.Mod5.AD7	NY-4.MD.6								●		●	●	●									
4.Mod5.AD8	NY-4.MD.7													●	●	●	●					
4.Mod5.AD9	NY-4.G.1	●	●	●	●	●	●				●	●	●									
4.Mod5.AD10	NY-4.G.1	●	●	●	●	●	●													●	●	●
4.Mod5.AD11	NY-4.G.2a																			●	●	
4.Mod5.AD12	NY-4.G.2b																					●
4.Mod5.AD13	NY-4.G.2c																					●
4.Mod5.AD14	NY-4.G.3																		●			

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Achievement Descriptor	Aligned NGMLS	A 1	A 2	A 3	A 4	B 5	B 6	B 7	B 8	C 9	C 10	C 11	D 12	D 13	D 14
4.Mod6.AD8	NY-4.NF.5					■	■	■	■						
4.Mod6.AD9	NY-4.NF.5												■	■	■
4.Mod6.AD10	NY-4.NF.6	■	■	■	■	■	■	■	■						
4.Mod6.AD11	NY-4.NF.7									■	■	■			
4.Mod6.AD12	NY-4.MD.2 NY-4.MD.2a														■