

**K to 12 BASIC EDUCATION CURRICULUM**

**GRADE 6**

CONTENT	CONTENT STANDARDS	PERFORMANCE STANDARDS	LEARNING COMPETENCY	CODE	LEARNING MATERIALS	MATH EQUIPMENT
	The learner...	The learner...	The learner...			
<b>Grade 6- FIRST QUARTER</b>						
<b>Numbers and Number Sense</b>	demonstrates understanding of the four fundamental operations involving fractions and decimals.	is able to apply the four fundamental operations involving fractions and decimals in mathematical problems and real-life situations.	1. adds and subtracts simple fractions and mixed numbers without or with regrouping.	<b>M6NS-Ia-86</b>	<ol style="list-style-type: none"> <li>1. Lesson Guide in Elem. Math Gr. 6 p. 203, 207, 212, 216, 219, 223</li> <li>2. DLP Gr. 6 Module 31, 32</li> <li>3. BEAM LG Gr. 6 Module 8A</li> <li>4. MISOSA Modules Gr.5 and 6– Subtraction of Mixed Numbers</li> <li>5. Lesson Guide in Elementary Math Grade 6. 2005. pp. 193-211</li> <li>6. Lesson Guide in Elementary Math Grade 6. 2010. pp. 203-227</li> <li>7. Proded Math. 33A: Adding and Subtracting Similar Fractions</li> <li>8. Proded Math. 33C: Add and Subtract Mixed Numbers (Similar Fractions)</li> <li>9. Proded Math. 34-A, 34-B &amp; 34-C: Adding Dissimilar Fractions</li> <li>10. Mathematics for Everyone Grade 5.</li> </ol>	

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	The learner...	The learner...	The learner...			
					2000. pp. 94-95* 11. Lesson Guide in Elem. Mathematics Grade 6. 2012. pp. 203-227 12. Proded Math. III-A: Adding and Subtracting Similar Fractions 13. Proded Math. III-B: Add and Subtract Fractions and Wholes 14. Proded Math. III-C: Add and Subtract Mixed Numbers	
			2. solves routine and non-routine problems involving addition and/or subtraction of fractions using appropriate problem solving strategies and tools.	<b>M6NS-Ia-87.3</b>	1. Lesson Guide in Elem. Math Gr. 6 p.232 2. BEAM LG Gr. 6 Module 8B 3. MISOSA Module Gr.6 –Word Problems on Subtraction of Fractions 4. Lesson Guide in Elementary Math Grade 6. 2005. pp. 219-221 5. Lesson Guide in Elementary Math Grade 6. 2010. pp. 232-237 6. Mathematics for Everyone Grade 5. 2000. pp. 96-97, 106-109* 7. Lesson Guide in Elem.	

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	The learner...	The learner...	The learner...			
					Mathematics Grade 6. 2012. pp. 232-237 8. NFE Accreditation and Equivalency Learning Material. Addition and Subtraction of a Fraction. 1998. pp. 18-25	
			3. creates problems (with reasonable answers) involving addition and/or subtraction of fractions.	<b>M6NS-Ia-88.3</b>		
			4. multiplies simple fractions and mixed fractions.	<b>M6NS-Ib-90.2</b>	1. Lesson Guide in Elem. Math Gr. 5 p.203, 209, Gr. 6 p. 237, 250 2. DLP Gr. 5 Module 24, 26, Gr. 6 Module 35 3. BEAM LG Gr. 5 Module 9, Gr. 6 Module 9 4. MISOSA Module Gr.5 and 6– Multiplication of Mixed Numbers and Fractions 5. Lesson Guide in Elementary Math Grade 6. 2005. pp. 234-237 6. Mathematics for Everyday Use Grade 6. 1999. pp. 124-126* 7. Mathematics for Everyone Grade 5. 2000. pp 118-119 8. Lesson Guide in Elem. Mathematics Grade 5.	

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	The learner...	The learner...	The learner...			
					2012. pp. 196-213 9. Lesson Guide in Elem. Mathematics Grade 6. 2012. pp. 237-244, 250-253 10. BALS Video – Lesson 2: Multiplication and Division of Mixed Numbers	
			5. solves routine or non-routine problems involving multiplication without or with addition or subtraction of fractions and mixed fractions using appropriate problem solving strategies and tools.	<b>M6NS-Ib-92.2</b>	1. Lesson Guide in Elem. Math Gr. 5 p.213, Gr. 6 p. 262 2. DLP Gr. 5 Module 27, 28, Gr. 6 Module 36, 37 3. BEAM LG Gr. 5 Module 9, Gr. 6 Module 9 4. MISOSA Module Gr.6 –Word Problems on Multiplication of Fractions 5. Lesson Guide in Elementary Math Grade 6. 2005. pp. 242-249 6. Mathematics for Everyday Use Grade 6. 1999. pp. 126, 131-133* 7. Mathematics for Everyone Grade 5. 2000. pp. 120-121* 8. Lesson Guide in Elem. Mathematics Grade 5.	

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	The learner...	The learner...	The learner...			
					2012. pp. 213-217 9. Lesson Guide in Elem. Mathematics Grade 6. 2012. pp. 258-265	
			6. creates problems (with reasonable answers) involving multiplication without or with addition or subtraction of fractions and mixed fractions.	<b>M6NS-Ib-93.2</b>		
			7. divides simple fractions and mixed fractions.	<b>M6NS-Ic-96.2</b>	1. Lesson Guide in Elem. Math Gr. 6 p.273, 277 2. BEAM LG Gr. 6 Module 10 3. MISOSA Module Gr.6 – Division of Mixed Numbers 4. Lesson Guide in Elementary Math Grade 6. 2005. pp. 260-265 5. Lesson Guide in Elementary Math Grade 6. 2010. pp. 273-282 6. Lesson Guide in Elem. Mathematics Grade 6. 2012. pp. 270-282 7. BALS Video – Lesson 2: Multiplication and Division of Mixed Numbers	

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	The learner...	The learner...	The learner...			
			8. solves routine or non-routine problems involving division without or with any of the other operations of fractions and mixed fractions using appropriate problem solving strategies and tools.	<b>M6NS-Ic-97.2</b>	1. Lesson Guide in Elem. Math Gr. 6 p.282, 286 2. DLP Gr. 6 Module 40, 41 3. BEAM LG Gr. 6 Module 10 4. Lesson Guide in Elementary Math Grade 6. 2005. pp. 266-273 5. Lesson Guide in Elementary Math Grade 6. 2010. pp. 282-289 6. Lesson Guide in Elem. Mathematics Grade 6. 2012. pp. 282-289	
			9. creates problems (with reasonable answers) involving division without or with any of the other operations of fractions and mixed fractions.	<b>M6NS-Ic-98.2</b>		
			10. adds and subtracts decimals and mixed decimals through ten thousandths without or with regrouping.	<b>M6NS-Id-106.2</b>	1. Lesson Guide in Elem. Math Gr. 6 p.54, 56, 60, 62 2. DLP Gr. 6 Module 10, 11 3. BEAM LG Gr. 6 Module on Addition and Subtraction of Decimals 4. MISOSA Modules Gr.5 –Addition and Subtraction of Mixed Decimals 5. MISOSA Module Gr.6	

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	The learner...	The learner...	The learner...			
					–Subtraction of Mixed Decimals 6. Lesson Guide in Elementary Math Grade 6. 2005. pp. 53-61 7. Lesson Guide in Elementary Math Grade 6. 2010. pp. 54-65 8. Mathematics for Everyday Use Grade 6. 1999. pp. 159-168* 9. Lesson Guide in Elem. Mathematics Grade 6. 2012. pp. 50-65 10. NFE Accreditation and Equivalency Learning Material. Pagdaragdag at Pagbabawas ng Desimal. 2001. pp. 19-21, 27-32	
			11. solves 1 or more steps routine and non-routine problems involving addition and/or subtraction of decimals and mixed decimals using appropriate problem solving strategies and tools.	<b>M6NS-Id-108.2</b>	1. Lesson Guide in Elem. Math Gr. 6 p.68 2. DLP Gr. 6 Module 12, 17 3. BEAM LG Gr. 6 Module on Addition and Subtraction of Decimals 4. MISOSA Module Gr.5 –Word problems on Addition and Subtraction of Decimals	

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	The learner...	The learner...	The learner...			
					5. Lesson Guide in Elementary Math Grade 6. 2005. pp. 64-66 6. Lesson Guide in Elementary Math Grade 6. 2010. pp. 68-70 7. Mathematics for Everyday Use Grade 6. 1999. pp. 169-171* 8. Lesson Guide in Elem. Mathematics Grade 6. 2012. pp. 68-70 9. NFE Accreditation and Equivalency Learning Material. Pagdaragdag at Pagbabawas ng Desimal. 2001. pp. 22-26	
			12. creates problems (with reasonable answers) involving addition and/or subtraction of decimals and mixed decimals.	<b>M6NS-Id-109.2</b>		
			13. multiplies decimals and mixed decimals with factors up to 2 decimal places.	<b>M6NS-Ie-111.3</b>	1. Lesson Guide in Elem. Math Gr. 5 p. 289, Gr. 6 p.73, 76, 80, 83 2. DLP Gr. 5 Module 37, 38, Gr. 6 Module 15 3. MISOSA Module Gr.5 and 6 –Multiplication of Mixed Decimals; Decimals through Hundredths 4. Lesson Guide in Elementary Math	



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	The learner...	The learner...	The learner...			
					Grade 6. 2005. pp. 75-78 5. Lesson Guide in Elementary Math Grade 6. 2010. pp. 80-86 6. Proded Math. 36-A: Multiplying Decimals 7. Proded Math. 36-B: Multiplying More Decimals 8. Proded Math. 36-C: Multiplying Mixed Decimals 9. Lesson Guide in Elem. Mathematics Grade 5. 2012. pp. 289-293 10. Lesson Guide in Elem. Mathematics Grade 6. 2012. pp. 73-76, 80-86 11. NFE Accreditation and Equivalency Learning Material. Multiplication and Division of Decimals. 2001. pp. 4-16	

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CONTENT	CONTENT STANDARDS	PERFORMANCE STANDARDS	LEARNING COMPETENCY	CODE	LEARNING MATERIALS	MATH EQUIPMENT
	The learner...	The learner...	The learner...			
			14. multiplies mentally decimals up to 2 decimal places by 0.1, 0.01, 10, and 100.	<b>M6NS-Ie-111.4</b>	1. Lesson Guide in Elem. Math Gr. 5 p. 293, Gr. 6 p.86 2. DLP Gr. 5 Module 40 3. BEAM LG Gr. 6 Module 4 4. MISOSA Modules Gr.5 –Multiplication of Decimals by 10 and 100, by 0.1, 0.01, and 0.001 5. Lesson Guide in Elementary Math Grade 6. 2005. pp. 81-84 6. Lesson Guide in Elementary Math Grade 6. 2010. pp. 86-89 7. Mathematics for Everyday Use Grade 6. 1999. pp. 178-180* 8. Lesson Guide in Elem. Mathematics Grade 5. 2012. pp. 293-297 9. Lesson Guide in Elem. Mathematics Grade 6. 2012. pp. 86-89*	
			15. solves routine and non-routine problems involving multiplication of decimals and mixed decimals including money using appropriate problem solving strategies.	<b>M6NS-Ie-113.2</b>	1. Lesson Guide in Elem. Math Gr. 5 p.301, Gr. 6 p.93 2. DLP Gr. 6 Module 41 3. BEAM LG Gr. 5 Module 12 4. Lesson Guide in Elementary Math	

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	The learner...	The learner...	The learner...			
					Grade 6. 2005. pp. 88-91 5. Lesson Guide in Elementary Math Grade 6. 2010. pp. 93-96 6. Mathematics for Everyday Use Grade 6. 1999. pp. 181-182* 7. Lesson Guide in Elem. Mathematics Grade 5. 2012. pp. 301-305 8. Lesson Guide in Elem. Mathematics Grade 6. 2012. pp. 93-96 9. NFE Accreditation and Equivalency Learning Material. Multiplication and Division of Decimals. 2001. pp. 17-21	
			16. solves multi-step problems involving multiplication and addition or subtraction of decimals, mixed decimals and whole numbers including money using appropriate problem solving strategies and tools.	<b>M6NS-If-113.3</b>	1. Lesson Guide in Elem. Math Gr. 6 p.96 2. Lesson Guide in Elementary Math Grade 6. 2005. pp. 91-94 3. Lesson Guide in Elementary Math Grade 6. 2010. pp. 96-100 4. Mathematics for Everyday Use Grade 6. 1999. pp. 182-185* 5. Lesson Guide in Elem. Mathematics Grade 6.	

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CONTENT	CONTENT STANDARDS	PERFORMANCE STANDARDS	LEARNING COMPETENCY	CODE	LEARNING MATERIALS	MATH EQUIPMENT
	The learner...	The learner...	The learner...			
					2012. pp. 96-100	
			17. creates problems (with reasonable answers) involving multiplication without or with addition or subtraction of decimals, mixed decimals and whole numbers including money.	<b>M6NS-If-114</b>		
			18. divides whole numbers by decimals up to 2 decimal places and vice versa.	<b>M6NS-Ig-116.3</b>	<ol style="list-style-type: none"> <li>1. Lesson Guide in Elem. Math Gr.5 p.310, Gr. 6 p.103, 105, 117</li> <li>2. DLP Gr. 6 Module 19</li> <li>3. BEAM LG Gr. 6 Module 5- Division of Decimals</li> <li>4. MISOSA Module Gr.5 and 6 –Division of Decimals by Whole Numbers</li> <li>5. Lesson Guide in Elementary Math Grade 6. 2005. pp. 97-103</li> <li>6. Lesson Guide in Elementary Math Grade 6. 2010. pp. 103-109; 117-121</li> <li>7. Mathematics for Everyday Use Grade 6. 1999. pp. 186-187*</li> <li>8. Lesson Guide in Elem. Mathematics Grade 5. 2012. pp. 310-314</li> <li>9. Lesson Guide in Elem. Mathematics Grade 6. 2012. pp. 103-109,</li> </ol>	

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	The learner...	The learner...	The learner...		117-121	
			19. divides decimals/mixed decimals up to 2 decimal places.	<b>M6NS-Ig-116.4</b>	1. Lesson Guide in Elem. Math Gr. 6 p.121 2. DLP Gr. 6 Module 20 3. BEAM LG Gr. 6 Module 5- Division of Decimals 4. Lesson Guide in Elementary Math Grade 6. 2005. pp. 115-118 5. Lesson Guide in Elementary Math Grade 6. 2010. pp. 125-127 6. Mathematics for Everyone Grade 5. 2000. pp. 162-163* 7. Lesson Guide in Elem. Mathematics Grade 5. 2012. pp. 314-318 8. Lesson Guide in Elem. Mathematics Grade 6. 2012. pp. 121-125 9. NFE Accreditation and Equivalency Learning Material. Multiplication and Division of Decimals. 2001. pp. 22-32	
			20. divides decimals up to 4 decimal places by 0.1, 0.01, and 0.001.	<b>M6NS-Ih-116.5</b>	1. Lesson Guide in Elem. Math Gr. 6 p.127 2. BEAM LG Gr. 6 Module 5- Division of Decimals 3. Lesson Guide in	Base 10 Blocks

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	The learner...	The learner...	The learner...			
					Elementary Math Grade 6. 2005. pp. 121-123 4. Lesson Guide in Elementary Math Grade 6. 2010. pp. 127-130 5. Lesson Guide in Elem. Mathematics Grade 6. 2012. pp. 127-130	
			21. divides decimals up to 2 decimal places by 10, 100, and 1 000 mentally.	<b>M6NS-Ih-118</b>	1. Lesson Guide in Elem. Math Gr. 6 p.125 2. BEAM LG Gr. 6 Module 5- Division of Decimals 3. Lesson Guide in Elementary Math Grade 6. 2005. pp. 119-120 4. Lesson Guide in Elem. Mathematics Grade 6. 2012. pp. 125-127	
			22. differentiates terminating from repeating, non-terminating decimal quotients.	<b>M6NS-Ii-119</b>	1. Lesson Guide in Elem. Math Gr. 6 p.111 2. MISOSA Module Gr.6 –Repeating and Terminating Decimals 3. Lesson Guide in Elementary Math Grade 6. 2005. pp. 105-108 4. Lesson Guide in Elementary Math Grade 6. 2010. pp. 111-114 5. Lesson Guide in Elem.	

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	The learner...	The learner...	The learner...			
					Mathematics Grade 6. 2012. pp. 111-114	
			23. solves routine and non-routine problems involving division of decimals, mixed decimals, and whole numbers including money using appropriate problem solving strategies and tools.	<b>M6NS-Ii-120.2</b>	1. Lesson Guide in Elem. Math Gr. 5 p. 318, Gr. 6 p.130 2. DLP Gr. 6 Module 21 3. BEAM LG Gr. 6 Module 5- Division of Decimals 4. Lesson Guide in Elementary Math Grade 6. 2005. pp. 123-126 5. Lesson Guide in Elementary Math Grade 6. 2010. pp. 130-133 6. Mathematics for Everyday Use Grade 6. 1999. pp. 194-195* 7. Lesson Guide in Elem. Mathematics Grade 5. 2012. pp. 318-321 8. Lesson Guide in Elem. Mathematics Grade 6. 2012. pp. 130-133 9. NFE Accreditation and Equivalency Learning Material. Multiplication and Division of Decimals. 2001. pp. 32-41	
			24. solves multi-step routine and non-routine problems involving division and any of the other operations of decimals, mixed	<b>M6NS-Ij-120.3</b>	1. Lesson Guide in Elem. Math Gr. 6 p.133 2. Lesson Guide in Elementary Math	

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	The learner...	The learner...	The learner...			
			decimals, and whole numbers including money using appropriate problem solving strategies and tools.		Grade 6. 2005. pp. 126-129 3. Lesson Guide in Elementary Math Grade 6. 2010. pp. 133-136 4. Mathematics for Everyday Use Grade 6. 1999. pp. 196-197* 5. Lesson Guide in Elem. Mathematics Grade 6. 2012. pp. 133-136	
			25. creates problems (with reasonable answers) involving division without or with any of the other operations of decimals, mixed decimals and whole numbers including money.	<b>M6NS-Ij-121.2</b>		
<b>Grade 6- SECOND QUARTER</b>						
<b>Numbers and Number Sense</b>	demonstrates understanding of order of operations, ratio and proportion, percent, exponents, and integers.	is able to apply knowledge of order of operations, ratio and proportion, percent, exponents, and integers in mathematical problems and real-life situations.	26. expresses one value as a fraction of another given their ratio and vice versa.	<b>M6NS-IIa-129</b>		
			27. finds how many times one value is as large as another given their ratio and vice versa.	<b>M6NS-IIa-130</b>		
			28. defines and illustrates the meaning of ratio and proportion using concrete or pictorial models.	<b>M6NS-IIb-131</b>		
			29. sets up proportions for groups of objects or numbers and for given situations.	<b>M6NS-IIb-132</b>	1. Lesson Guide in Elem. Mathematics Grade 6. 2012. pp. 289-293	



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	The learner...	The learner...	The learner...			
			30. finds a missing term in a proportion (direct, inverse, and partitive).	<b>M6NS-IIb-133</b>	1. Lesson Guide in Elem. Math Gr. 6 p.301, 304, 307 2. BEAM LG Gr. 6 Module 11 3. MISOSA Module Gr.6 –Word Problems on Direct, Partitive and Inverse Proportion 4. Lesson Guide in Elementary Math Grade 6. 2005. pp. 280-283 5. Lesson Guide in Elementary Math Grade 6. 2010. pp. 301-310 6. Mathematics for Everyday Use Grade 6. 1999. pp. 146-150* 7. Lesson Guide in Elem. Mathematics Grade 6. 2012. pp. 297-301	
			31. solves problems involving direct proportion, partitive proportion, and inverse proportion in different contexts such as distance, rate, and time using appropriate strategies and tools.	<b>M6NS-IIc-134</b>	1. Lesson Guide in Elementary Math Grade 6. 2005. pp. 284-292 2. Lesson Guide in Elem. Mathematics Grade 6. 2012. pp. 301-310	
			32. creates problems involving ratio and proportion, with reasonable answers.	<b>M6NS-IIc-135</b>		
			33. finds the percentage or rate or percent in a given problem.	<b>M6NS-IIId-142</b>	1. Lesson Guide in Elem. Math Gr. 6 p.316,	

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	The learner...	The learner...	The learner...			
					320, 323 2. DLP Gr. 6 Module 47, 48, 49 3. MISOSA Module Gr.6 – Finding the Percentage, Rate and Base 4. Proded Math. 37-A: Finding Percentage 5. Proded Math. 37-B: Finding Rate 6. Proded Math. 37-C: Finding the Base 7. Mathematics for Everyday Use Grade 6. 1999. pp. 198-199, 202-203 8. Lesson Guide in Elem. Mathematics Grade 5. 2012. pp. 345-350 9. Lesson Guide in Elem. Mathematics Grade 6. 2012. pp. 316-328	
			34. solves routine and non-routine problems involving finding the percentage, rate and base using appropriate strategies and tools.	<b>M6NS-IIId-143</b>	1. MISOSA Module Gr.6 – Word Problems on Percentage 2. Mathematics for Everyday Use Grade 6. 1999. p. 199, 203*	
			35. solves percent problems such as percent of increase/decrease (discounts, original price, rate of discount, sale price, marked-up price), commission, sales tax, and simple interest.	<b>M6NS-IIe-144</b>	1. Lesson Guide in Elem. Math Gr. 6 p.332, 336, 340, 344 2. DLP Gr. 6 Module 50, 51, 52 3. BEAM LG Gr. 6 Module 17	

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	The learner...	The learner...	The learner...			
					4. Lesson Guide in Elementary Math Grade 6. 2005. pp. 313-324 5. Lesson Guide in Elementary Math Grade 6. 2010. pp. 332-347 6. Lesson Guide in Elem. Mathematics Grade 6. 2012. pp. 332-347 7. NFE Accreditation and Equivalency Learning Material. Business Math. 2001. pp. 4-7, 23-30 8. NFE Accreditation and Equivalency Learning Material. Percentage, Ratio and Proportion. 1998. pp. 4-8, 14-21 9. BALS Video – Lesson 1: Solving Percentage Problems	
			36. creates problems involving percent, with reasonable answers.	<b>M6NS-IIe-145</b>		
			37. describes the exponent and the base in a number expressed in exponential notation.	<b>M6NS-IIf-146</b>	1. Lesson Guide in Elem. Math Gr. 6 p.6 2. DLP Gr. 6 Module 1 3. MISOSA Module Gr.6 –Exponents 4. Lesson Guide in Elementary Math Grade 6. 2010. pp. 6-9	

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	The learner...	The learner...	The learner...			
					5. Lesson Guide in Elem. Mathematics Grade 6. 2012. pp. 6-9	
			38. gives the value of numbers expressed in exponential notation.	<b>M6NS-IIf-147</b>	1. Lesson Guide in Elem. Math Gr. 6 p.9 2. DLP Gr.4 Module 32 3. MISOSA Module Gr.6 –Expressions involving Exponents 4. Lesson Guide in Elementary Math Grade 6. 2010. pp. 9-12 5. Lesson Guide in Elem. Mathematics Grade 6. 2012. pp. 9-12	
			39. interprets and explains the Grouping, Exponent, Multiplication, Division, Addition, Subtraction (GEMDAS) rule.	<b>M6NS-IIf-148</b>	DLP Gr. 6 Module 2	
			40. performs two or more different operations on whole numbers with or without exponents and grouping symbols.	<b>M6NS-IIf-149</b>	1. Lesson Guide in Elem. Math Gr. 6 p.13, 17, 21, 25, 28 2. BEAM LG Gr. 6 Module 1 – Order of Operations 3. MISOSA Modules Gr.6 – Evaluating Expressions 4. Lesson Guide in Elementary Math Grade 6. 2010. pp. 13-28 5. Lesson Guide in Elem. Mathematics Grade 6.	

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	The learner...	The learner...	The learner...			
					2012. pp. 13-28	
			41. identifies real-life situations that make use of integers.	<b>M6NS-IIg-150</b>		
			42. describes the set of integers.	<b>M6NS-IIg-151</b>		
			43. compares integers with other numbers such as whole numbers, fractions, and decimals.	<b>M6NS-IIg-152</b>	Lesson Guide in Elem. Math Gr. 6. 2012. pp. 356-358	
			44. represents integers on the number line.	<b>M6NS-IIh-153</b>	1. Lesson Guide in Elem. Math Gr. 6 p.353 2. Lesson Guide in Elementary Math Grade 6. 2010. pp. 353-356 3. Lesson Guide in Elem. Mathematics Grade 6. 2012. pp. 353-356	Thermometer, Alcohol, -20°C to 110°C
			45. compares and arranges integers.	<b>M6NS-IIh-154</b>	1. Lesson Guide in Elem. Math Gr. 6 p.356, 358 2. DLP Gr. 6 Module 68, 69 3. BEAM LG Gr. 6 Module 18 – Expression and Integers 4. Lesson Guide in Elementary Math Grade 6. 2005. pp. 336-341 5. Lesson Guide in Elementary Math Grade 6. 2010. pp. 356-360 6. Lesson Guide in Elem. Mathematics Grade 6.	

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	The learner...	The learner...	The learner...			
					2012. pp. 358-360	
			46. describes and interprets the basic operations on integers using materials such as algebra tiles, counters, chips, and cards.	<b>M6NS-IIh-155</b>		
			47. performs the basic operations on integers.	<b>M6NS-IIIi-156</b>		
			48. solves routine and non-routine problems involving basic operations of integers using appropriate strategies and tools.	<b>M6NS-IIj-157</b>		
<b>Grade 6- THIRD QUARTER</b>						
<b>Geometry</b>	demonstrates understanding of solid figures.	is able to construct and describe the different solid figures: cube, prism, pyramid, cylinder, cone, and sphere.	49. visualizes and describes the different solid figures: cube, prism, pyramid, cylinder, cone, and sphere.	<b>M6GE-IIIa-27</b>	1. BEAM LG Gr. 6 Module 15 2. Mathematics for Everyone Grade 5. 2000. pp. 188-190* 3. NFE Accreditation and Equivalency Learning Material. Geometric Shapes. 2001. pp. 19-25	
			50. differentiates solid figures from plane figures.	<b>M6GE-IIIa-28</b>		Blackboard Triangles Set (30° x 60° and 45° x 45°)
			51. illustrates the different solid figures using various concrete and pictorial models.	<b>M6GE-IIIb-29</b>		
			52. identifies the faces of a solid figure.	<b>M6GE-IIIb-30</b>	DLP Gr. 6 Module 54	
			53. visualizes and describes the different solid figures: cube, prism, pyramid, cylinder, cone, and sphere.	<b>M6GE-IIIc-31</b>		

**K to 12 BASIC EDUCATION CURRICULUM**

CONTENT	CONTENT STANDARDS	PERFORMANCE STANDARDS	LEARNING COMPETENCY	CODE	LEARNING MATERIALS	MATH EQUIPMENT
	The learner...	The learner...	The learner...			
			54. identifies the nets of the following space figures: cube, prism, pyramid, cylinder, cone, and sphere using plane figures.	<b>M6GE-IIIc-32</b>		
<b>Patterns and Algebra</b>	demonstrates understanding of sequence in forming rules, expressions and equations.	is able to apply knowledge of sequence, expressions, and equations in mathematical problems and real-life situations.	55. formulates the rule in finding the <b>nth term</b> using different strategies (looking for a pattern, guessing and checking, working backwards) e.g.  4,7,13,16,...n  (the nth term is $3n+1$ )	<b>M6AL-IIIId-7</b>		
			56. differentiates expression from equation.	<b>M6AL-IIIId-15</b>	1. Lesson Guide in Elem. Math Gr. 6 p.1, 3 2. BEAM LG Gr. 6 Module 18 – Expression and Integers 3. Lesson Guide in Elementary Math Grade 6. 2005. pp. 1-3 4. Lesson Guide in Elementary Math Grade 6. 2010. pp. 1-3 5. Lesson Guide in Elem. Mathematics Grade 6. 2012. pp. 1-5	
			57. gives the translation of real-life verbal expressions and equations into letters or symbols and vice versa.	<b>M6AL-IIIE-16</b>		

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CONTENT	CONTENT STANDARDS	PERFORMANCE STANDARDS	LEARNING COMPETENCY	CODE	LEARNING MATERIALS	MATH EQUIPMENT
	The learner...	The learner...	The learner...			
			58. defines a variable in an algebraic expression and equation.	<b>M6AL-IIIe-17</b>	DLP Gr. 6 Module 70, 71	
			59. represents quantities in real-life situations using algebraic expressions and equations.	<b>M6AL-IIIe-18</b>		
			60. solves routine and non-routine problems involving different types of numerical expressions and equations such as $7 + 9 = \underline{\quad} + 6$ .	<b>M6AL-III f-19</b>		
			61. creates routine and non-routine problems involving numerical expressions and equations.	<b>M6AL-III f-20</b>		
<b>Measurement</b>	demonstrates understanding of rate and speed, and of area and surface area of plane and solid/space figures.	is able to apply knowledge of speed, area, and surface area of plane and solid/space figures in mathematical problems and real-life situations	62. calculates speed, distance, and time.	<b>M6ME-IIIg-17</b>	1. NFE Accreditation and Equivalency Learning Material. Time. 2001. pp. 20-33 2. NFE Accreditation and Equivalency Learning Material. Oras. 2001. pp. 21-35	
			63. solves problems involving average rate and speed.	<b>M6ME-IIIg-18</b>		
			64. finds the area of composite figures formed by any two or more of the following: triangle, square, rectangle, circle, and semi-circle.	<b>M6ME-IIIh-89</b>		
			65. solves routine and non-routine problems involving area of composite figures formed by any two or more of the	<b>M6ME-IIIh-90</b>		



**K to 12 BASIC EDUCATION CURRICULUM**

CONTENT	CONTENT STANDARDS	PERFORMANCE STANDARDS	LEARNING COMPETENCY	CODE	LEARNING MATERIALS	MATH EQUIPMENT
	The learner...	The learner...	The learner...			
			following: triangle, square, rectangle, circle, and semi-circle.			
			66. visualizes and describes surface area and names the unit of measure used for measuring the surface area of solid/space figures.	<b>M6ME-IIIi-91</b>	<ol style="list-style-type: none"> <li>1. Lesson Guide in Elem. Math Gr. 6 p.371</li> <li>2. Lesson Guide in Elementary Math Grade 6. 2010. pp. 371-373</li> <li>3. Lesson Guide in Elem. Mathematics Grade 6. 2012. pp. 371-373</li> </ol>	<ol style="list-style-type: none"> <li>1. Meterstick, plastic</li> <li>2. Ruler, 12" or 30cm</li> <li>3. Tape Measure, 1.5 meter</li> </ol>
			67. derives a formula for finding the surface area of cubes, prisms, pyramids, cylinders, cones, and spheres.	<b>M6ME-IIIi-92</b>	<ol style="list-style-type: none"> <li>1. Lesson Guide in Elem. Math Gr. 6 p.369, 381</li> <li>2. DLP Gr. 6 Module 55</li> <li>3. BEAM LG Gr. 6 Module 16 – Surface Area</li> <li>4. Lesson Guide in Elementary Math Grade 6. 2005. pp. 348-350</li> <li>5. Lesson Guide in Elementary Math Grade 6. 2010. pp. 369-371; 381-384</li> </ol>	Sphere with 32 Movable Segments
			68. finds the surface area of cubes, prisms, pyramids, cylinders, cones, and spheres.	<b>M6ME-IIIi-93</b>	<ol style="list-style-type: none"> <li>1. BEAM LG Gr. 6 Module 16 – Surface Area</li> <li>2. MISOSA Module Gr.6 – Surface Area on Cube, Rectangular Prism, Pyramid and Cylinder</li> </ol>	

**K to 12 BASIC EDUCATION CURRICULUM**

CONTENT	CONTENT STANDARDS	PERFORMANCE STANDARDS	LEARNING COMPETENCY	CODE	LEARNING MATERIALS	MATH EQUIPMENT
	The learner...	The learner...	The learner...			
			69. solves word problems involving measurement of surface area.	<b>M6ME-IIIj-94</b>	1. DLP Gr. 6 Module 56 2. BEAM LG Gr. 6 Module 17 – Surface Area	
<b>Grade 6- FOURTH QUARTER</b>						
<b>Measurement</b>	demonstrates understanding of volume of solid figures and meter reading.	is able to apply knowledge of volume of solid figures and meter reading in mathematical problems and real-life situations.	70. determines the relationship of the volume between 70.1 a rectangular prism and a pyramid; 70.2 a cylinder and a cone; 70.3 and a cylinder and sphere.	<b>M6ME-IVa-95</b>		Volume Demonstrator Set Includes the following: Cylinder and Cone Volume Comparing Tool, Quadrangular Volume Demonstrator
			71. derives the formula for finding the volume of cylinders, pyramids, cones, and spheres.	<b>M6ME-IVa-96</b>	1. DLP Gr. 6 Module 58 2. BEAM LG Gr. 6 Module 18 – Volume 3. Lesson Guide in Elementary Math Grade 6. 2005. pp. 373-381	1. Basic 3-Dimensional Models 2. Sphere with 32 Movable Segments
			72. finds the volume of cylinders, pyramids, cones, and spheres.	<b>M6ME-IVb-97</b>	1. Lesson Guide in Elem. Math Gr. 6 p.394, 398 2. BEAM LG Gr. 6 Module 18 – Volume 3. MISOSA Module Gr.6 – Volume of Rectangular Prism, Pyramid and Cylinder 4. Lesson Guide in Elementary Math Grade 6. 2010. pp. 394-402 5. Lesson Guide in Elem. Mathematics Grade 6. 2012. pp. 394-402	

**K to 12 BASIC EDUCATION CURRICULUM**

CONTENT	CONTENT STANDARDS	PERFORMANCE STANDARDS	LEARNING COMPETENCY	CODE	LEARNING MATERIALS	MATH EQUIPMENT
	The learner...	The learner...	The learner...			
			73. solves routine and non-routine problems involving volumes of solids.	<b>M6ME-IVc-98</b>	<ol style="list-style-type: none"> <li>Lesson Guide in Elem. Math Gr. 6 p.402</li> <li>DLP Gr. 6 Module 59</li> <li>BEAM LG Gr. 6 Module 19 – Volume</li> <li>Lesson Guide in Elementary Math Grade 6. 2010. pp. 402-406</li> <li>Lesson Guide in Elem. Mathematics Grade 6. 2012. pp. 402-406</li> </ol>	
			74. creates problems involving surface area and volume of solid/space figures, with reasonable answers.	<b>M6ME-IVc-99</b>		
			75. reads and interprets electric and water meter readings.	<b>M6ME-IVd-100</b>	<ol style="list-style-type: none"> <li>Lesson Guide in Elem. Math Gr. 6 p.406, 409</li> <li>DLP Gr. 6 Module 60, 61</li> <li>BEAM LG Gr. 6 Module 20 – Meter Reading</li> <li>Lesson Guide in Elementary Math Grade 6. 2005. pp. 385-390</li> <li>Lesson Guide in Elementary Math Grade 6. 2010. pp. 406-412</li> <li>Mathematics for Everyday Use Grade 6. 1999. pp. 252-253*</li> <li>Lesson Guide in Elem. Mathematics Grade 6.</li> </ol>	<ol style="list-style-type: none"> <li>Manipulative Electricity Consumption Meter Model, blackboard</li> <li>Manipulative Water Consumption Meter Model, blackboard</li> </ol>

**K to 12 BASIC EDUCATION CURRICULUM**

CONTENT	CONTENT STANDARDS	PERFORMANCE STANDARDS	LEARNING COMPETENCY	CODE	LEARNING MATERIALS	MATH EQUIPMENT
	The learner...	The learner...	The learner...			
					2012. pp. 406-412 8. NFE Accreditation and Equivalency Learning Material. Interpreting Electric Meters and Bills. 2001. pp. 5-18 9. BALS Video – Lesson 1: How to Read and Interpret the Electric Meter	
			76. solves routine and non-routine problems involving electric and water consumption.	<b>M6ME-IVd-101</b>	1. Lesson Guide in Elem. Math Gr. 6 p.412, 415 2. DLP Gr. 6 Module 62 3. BEAM LG Gr. 6 Module 20 – Meter Reading 4. Lesson Guide in Elementary Math Grade 6. 2005. pp. 391-397 5. Lesson Guide in Elementary Math Grade 6. 2010. pp. 412-418 6. Mathematics for Everyday Use Gr. 6. 1999. pp. 254-255* 7. Lesson Guide in Elem. Mathematics Grade 6. 2012. pp. 412-418 8. NFE Accreditation and Equivalency Learning Material. Interpreting Electric Meters and Bills. 2001. pp. 19-25	

**K to 12 BASIC EDUCATION CURRICULUM**

CONTENT	CONTENT STANDARDS	PERFORMANCE STANDARDS	LEARNING COMPETENCY	CODE	LEARNING MATERIALS	MATH EQUIPMENT
	The learner...	The learner...	The learner...			
			77. creates problems involving electric and water consumption, with reasonable answers.	<b>M6ME-IVd-102</b>		
<b>Statistics and Probability</b>	demonstrates understanding of pie graphs and experimental probability.	is able to create and interpret representations of data (tables and pie graphs) and apply experimental probability in mathematical problems and real-life situations.	78. collects data on one or two variables using any source.	<b>M6SP-IVe-1.6</b>	<ol style="list-style-type: none"> <li>1. Lesson Guide in Elem. Math Gr. 6 p.426</li> <li>2. DLP Gr. 6 Module 65</li> <li>3. BEAM LG Gr. 6 Module 21 – Circle Graphs</li> <li>4. MISOSA Module Gr.6 – Constructing Circle Graph</li> <li>5. Lesson Guide in Elementary Math Grade 6. 2005. pp. 404-408</li> <li>6. Lesson Guide in Elementary Math Grade 6. 2010. pp. 426-430</li> <li>7. Mathematics for Everyday Use Grade 6. 1999. pp. 268-272*</li> </ol>	
			79. constructs a pie graph based on a given set of data.	<b>M6SP-IVe-2.6</b>		
			80. interprets data presented in a pie graph.	<b>M6SP-IVf-3.6</b>		

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CONTENT	CONTENT STANDARDS	PERFORMANCE STANDARDS	LEARNING COMPETENCY	CODE	LEARNING MATERIALS	MATH EQUIPMENT
	The learner...	The learner...	The learner...			
					Elementary Math Grade 6. 2005. pp. 400-404 6. Lesson Guide in Elementary Math Grade 6. 2010. pp. 422-426 7. Mathematics for Everyday Use Grade 6. 1999. pp. 264-265*	
			81. solves routine and non-routine problems using data presented in a pie graph.	<b>M6SP-IVf-4.6</b>	1. Mathematics for Everyday Use Grade 6. 1999. pp. 265-267*	
			82. creates problems that can be answered using information presented in a pie graph.	<b>M6SP-IVg-6</b>		
			83. describes the meaning of probability such as 50% chance of rain and one in a million chance of winning.	<b>M6SP-IVg-19</b>		
			84. quantifies the phrases "most likely to happen" and "unlikely to happen".	<b>M6SP-IVh-20</b>		
			85. performs experiments and records outcomes.	<b>M6SP-IVh-21</b>	1. Lesson Guide in Elem. Math Gr. 6 p.349 2. BEAM LG Gr. 6 Module 17 – Prediction and Outcome 3. Lesson Guide in Elementary Math Grade 6. 2010. pp. 350-353	Calculator, Scientific

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CONTENT	CONTENT STANDARDS	PERFORMANCE STANDARDS	LEARNING COMPETENCY	CODE	LEARNING MATERIALS	MATH EQUIPMENT
	The learner...	The learner...	The learner...			
			86. makes listings and diagrams of outcomes and tells the number of favorable outcomes and chances using these listings and diagrams.	<b>M6SP-IVi-22</b>	1. BEAM LG Gr. 6 Module 17 – Prediction and Outcome	
			87. makes simple predictions of events based on the results of experiments.	<b>M6SP-IVi-23</b>	1. Lesson Guide in Elem. Math Gr. 6 p.347 2. DLP Gr. 6 Module 67 3. BEAM LG Gr. 6 Module 17 – Prediction and Outcome 4. Lesson Guide in Elementary Math Grade 6. 2005. pp. 328-330 5. Lesson Guide in Elementary Math Grade 6. 2010. pp. 347-349	
			88. solves routine and non-routine problems involving experimental and theoretical probability.	<b>M6SP-IVj-24</b>		
			89. creates problems involving experimental and theoretical probability.	<b>M6SP-IVj-25</b>		

## K to 12 BASIC EDUCATION CURRICULUM

### GLOSSARY

<b>Accuracy</b>	the quality of being correct and precise.
<b>Applying</b>	the skill of using concepts, procedures, algorithms and other mathematical constructs in practical situations and phenomena.
<b>Communicating</b>	the use of notations, symbols, figures, equations and functions to convey mathematical ideas.
<b>Computing</b>	the skill of calculating using correct algorithms, procedures and tools to arrive at a final exact result.
<b>Conjecturing</b>	the skill of formulating mathematical theories that still need to be proven.
<b>Connecting</b>	the skill of integrating mathematics to other school subjects and other areas in life.
<b>Constructivism</b>	the theory that knowledge is constructed when the learner is able to draw ideas from his/her own experiences and connects them to new ideas that are encountered.
<b>Context</b>	a locale, situation, or set of conditions of students that may influence their study and use of mathematics to develop critical thinking and problem solving skills.
<b>Cooperative Learning</b>	learning that is achieved by working with fellow learners as they all engage in a shared task.
<b>Creativity</b>	the skill of using available procedures in Mathematics and non-conventional methods to solve a problem and produce answers.
<b>Critical Thinking</b>	the intellectually disciplined process of actively and skillfully conceptualizing, applying, analyzing, synthesizing, and/or evaluating information gathered from, or generated by, observation, experience, reflection, reasoning, or communication, as a guide to belief and action (Scriven & Paul, 1987).
<b>Decision-making</b>	the skill of arriving at a choice or decision based on sound, logical procedures and mathematical analyses.
<b>Discovery Learning</b>	learning that is achieved by allowing students to discover new ideas using their experiences (Bruner, 1961).
<b>Estimating</b>	the skill of roughly calculating or judging a numerical value or quantity.
<b>Experiential Learning</b>	learning that occurs by making sense of direct everyday experiences (Kolb, 1984)
<b>Inquiry-based Learning</b>	learning that focuses on students asking questions and finding answers to their questions using their personal experiences.
<b>Knowing and Understanding</b>	meaningful acquisition of concepts that include memorizing and recalling of facts and procedures
<b>Mathematical Problem Solving</b>	finding a solution to a problem that is unknown (Polya, 1945 & 1962).
<b>Modeling</b>	the use of functions and graphs to represent relationships between and among quantities in a phenomenon.
<b>Objectivity</b>	the quality of judging, evaluating and making decisions based on mathematical facts and results without being influenced by subjective conditions.



## K to 12 BASIC EDUCATION CURRICULUM

### GLOSSARY

<b>Perseverance</b>	firmness in finishing a task despite difficulties and obstacles.
<b>Productivity</b>	the quality of pursuing an activity to arrive at a meaningful and useful result or product.
<b>Proving</b>	the skill of demonstrating the truth or falsity of a theory using reasoning and arguments.
<b>Reasoning</b>	the process of explaining using sound analyses, following the rules of logic.
<b>Reflective Learning</b>	learning that is facilitated by deep thinking.
<b>Representing</b>	the use of figures and shapes, variables, equations and functions to concretize and illustrate quantities and their relationships.
<b>Situated Learning</b>	learning in the same context in which concepts and theories are applied.
<b>Solving</b>	to find the answer to an algebraic or mathematical problem using any procedures and tools available.
<b>Visualizing</b>	using one's creativity and imagination to produce images, pictures and other means to represent and understand mathematical concepts (MATHTED & SEI, 2010).

## K to 12 BASIC EDUCATION CURRICULUM

### Code Book Legend

Sample: **M7AL-IIg-2**

LEGEND		SAMPLE		DOMAIN/ COMPONENT	CODE
<b>First Entry</b>	Learning Area and Strand/ Subject or Specialization	Mathematics	<b>M7</b>	Number Sense	NS
	Grade Level	Grade 7		Geometry	GE
<b>Uppercase Letter/s</b>	Domain/Content/ Component/ Topic	Patterns and Algebra	<b>AL</b>	Patterns and Algebra	AL
			-		
<b>Roman Numeral</b> <i>*Zero if no specific quarter</i>	Quarter	Second Quarter	<b>II</b>	Measurement	ME
<b>Lowercase Letter/s</b> <i>*Put a hyphen (-) in between letters to indicate more than a specific week</i>	Week	Week seven	<b>g</b>		
			-		
<b>Arabic Number</b>	Competency	Solves problems involving algebraic expressions	<b>2</b>	Statistics and Probability	SP

## K to 12 BASIC EDUCATION CURRICULUM

### REFERENCES

- Akihiko Takahashi, Ted Watanabe, and Makoto Yoshida. *English Translation of the Japanese Mathematics Curricula in the course of Study*, (Madison: Global Education Resources L.L.C., 2008). [http://ncm.gu.se/media/kursplaner/andralander/Japanese\\_COS2008Math.pdf](http://ncm.gu.se/media/kursplaner/andralander/Japanese_COS2008Math.pdf)
- "Australian Math Curriculum," Australian Curriculum, Assessment and Reporting Authority, accessed May 23, 2013, <http://www.australiancurriculum.edu.au/mathematics/curriculum/f-10?layout=1&y=1&y=2&y=3&y=4&y=5&y=6&s=NA&s=MG&s=SP>
- Bureau of Elementary Education, *2002 Basic Education Curriculum*, (Pasig City: Department of Education, 2002)
- Bureau of Secondary Education, Department of Education. *Basic Education Curriculum*. Pasig City, 2002.
- Bureau of Secondary Education, Department of Education Culture and Sports. *Desired Learning Competencies New Secondary Education Curriculum* Pasig City, 1991.
- Bureau of Secondary Education, Department of Education Culture and Sports. *Desired Learning Competencies Philippine Secondary Schools Learning Competencies*. Pasig City, 1998.
- Bureau of Secondary Education, Department of Education. *Secondary Education Curriculum*. Pasig City, 2010.
- California Department of Education, *California Common Core States Standard: Mathematics (Electronic Edition)*, (California: Department of Education, 2013, 2014), <http://www.cde.ca.gov/be/st/ss/documents/ccssmathstandardaug2013.pdf>
- Ministry of Education Singapore, *Mathematics Syllabus Primary*, (Singapore: Ministry of Education, 2006). <https://www.moe.gov.sg/docs/default-source/document/education/syllabuses/sciences/files/2007-mathematics-%28primary%29-syllabus.pdf>
- South Africa Math Curriculum, *Curriculum and Policy Statement*, (South Africa: Department of Basic Education, 2011), <file:///C:/Users/BLimuaco/Downloads/CAPS%20IP%20%20MATHEMATICS%20GR%204-6%20web.pdf>