**Grade 8**

**Unit 2: Integers (pp. 62-100)**

**Outcome: N7** Demonstrate an understanding of multiplication and division of integers, concretely, pictorially, and symbolically.

Integers can be multiplied in any order (Commutative Property)

**Achievement Indicators**

Identify the operation (add, subtract , multiply, divide) to solve a problem.
Write a question that requires multiplying integers
Write a question that requires dividing integers
Model the process of multiplying integers
Model the process of dividing integers
Divide the integers (without calculator) (2-digit by 1-digit)
Divide the integers (without calculator) (2-digit by 1-digit)
Create/discover a rule for finding the sign of the product and/or quotient of integers
Use order of operations in questions involving integers

Review p. 96 (Before start of unit)

**Unit 2: Integers**

1) Pre-assessment
2) Copy Outcomes and Achievement Indicators
3) Review: Key Words (p63) (Use chart from presenter)
4) Review: Unit Review (p96)

**Section 2.1 (p 64-69)
Using Models to Multiply Integers**
Q1-4 (oral); Q5 ; Q6 a, c ;Q7; Q8 a, c ; Q9 a,c,e ; Q10 d,e ; Q11 d, e; Q13 ; Q14(optional) ; Q15 ; Q17 ; Q18

**Section 2.2 (p 70 – 75)
Developing Rules to Multiply Integers**
Q 1-2 (orally); Q3 ; Q4 a,c,e,g,I ; Q5 ; Q6 a,c,e,g; Q8 a,c,e,g ; Q9 ; Q11; Q13 ; Q15 ; Q16 , Q18; Q19

**Section 2.3 (p 77 – 82)
Models to Divide Integers**
Q1-2 (orally); Q3 ; Q4 ; Q5 ; Q6 a,c,e ; Q8 a,c,e ; Q10 a,c,e; Q11; Q14 ; Q17

**Mid Unit Review**
All Questions

**Section 2.4 (p 84 – 89)
Devoloping Rules to Divide Integers**
Q4 ; Q5 a,c,e,g,i ; Q6 a,c,e; Q8 a,c ; Q9 ; Q10 a,c,e,g ; Q14; Q15 ; Q16 ; Q19 ; Q22

**Section 2.5 (p 90 -93)
Order of Operations with Integers**
Q 1- 2 (orally) ; Q3 ; Q4 ; Q 5 ; Q6; Q8, a,c,e ; Q9 ; Q10 ; Q11 ; Q12 ; Q14

**Unit Review** (p97-98) All questions