GRADE 3– Unit 2/Big Ideas Chapters 5-9

Mission Statement
The primary goal of the Swedesboro-Woolwich School District is to prepare each student with the real life skills needed to compete in a highly competitive global economy. This will be achieved by providing a comprehensive curriculum, the integration of technology, and the professional services of a competent and dedicated faculty, administration, and support staff. Guiding this mission will be Federal mandates, including No Child Left Behind, the New Jersey Core Curriculum Content Standards, and local initiatives addressing the individual needs of our students as determined by the Board of Education. The diverse resources of the school district, which includes a caring PTO and active adult community, contribute to a quality school system. They serve an integral role in supporting positive learning experiences that motivate, challenge and inspire children to learn.

Unit/Module Overview
In unit 2, students will learn: ● Patterns & Fluency (Chapter 5) ● Relate Area to Multiplication (Chapter 6) ● Round and Estimate Numbers (Chapter 7) ● Add & Subtract Multi-Digit Numbers (Chapter 8) ● Multiples and Problem Solving (Chapter 9)

Standards Covered in Current Unit/Module
Related Standards and Learning Goals
MATH.3.OA.A Represent and solve problems involving multiplication and division MATH.3.OA.C Multiply and divide within 100 MATH.3.OA.D Solve problems involving the four operations, and identify and explain patterns in arithmetic MATH.3.NBT.A.1 Use place value understanding to round whole numbers to the nearest 10 or 100. MATH.3.NBT.A.2 With accuracy and efficiency, add and subtract within 1000 using strategies and algorithms based on place value, properties of operations, and/or the relationship between addition and subtraction. MATH.3.NBT.A.3 Multiply one-digit whole numbers by multiples of 10 in the range 10–90 (e.g., 9 × 80, 5 × 60) using strategies based on place value and properties of operations. MATH.3.M.B.3 Recognize area as an attribute of plane figures and understand concepts of area measurement.

Unit 2/Big Ideas Chapters 5-9 Weekly Learning Activities and Pacing Guide			
Topic & # Days	**NJ Standards**	**Critical Knowledge & Skills**	**Possible Resources & Activities**
Big Ideas Chapter 5 (6 days)	● MATH.3.OA.A Represent and solve problems involving multiplication and division ● MATH.3.OA.C Multiply and divide within 100 ● MATH.3.OA.D Solve problems involving the four operations,	**Obj. We are learning to**: ● Represent and solve problems involving multiplication and division ● Solve problems involving the four operations, and identify and explain patterns in arithmetic **Suggested Formative Assessment(s)**: ● My Learning Path weekly progress ● Diagnostic Growth assessments ● Teacher observation	● Texts ○ Big Ideas ● Materials ○ Big Ideas materials ○ Reflex ○ iReady ○ Individual whiteboards

	and identify and explain patterns in arithmetic	• Class participation • Guided practice • Individual practice • Group work • Student workbook • Exit tickets for each lesson	
Big Ideas Chapter 6 (10 days)	• 3.M.B Understand concepts of area and relate area to multiplication and to addition.	**Obj. We are learning to**: • Understand concepts of area and relate area to multiplication and division **Suggested Formative Assessment(s)**: • My Learning Path weekly progress • Diagnostic Growth assessments • Teacher observation • Class participation • Guided practice • Individual practice • Group work • Student workbook • Exit tickets for each lesson	• Texts ○ Big Ideas • Materials ○ Big Ideas materials ○ Reflex ○ iReady ○ Individual whiteboards
Big Ideas Chapter 7 (7 days)	• MATH.3.NBT.A.1 Use place value understanding to round whole numbers to the nearest 10 or 100. • MATH.3.NBT.A.2 With accuracy and efficiency, add and subtract within 1000 using strategies and algorithms based on place value, properties of operations, and/or the relationship between addition and subtraction.	**Obj. We are learning to**: • Use place value understanding to round whole numbers to the nearest 10 • Use place value understanding to round whole numbers to the nearest 100 **Suggested Formative Assessment(s)**: • My Learning Path weekly progress • Diagnostic Growth assessments • Teacher observation • Class participation • Guided practice • Individual practice • Group work • Student workbook • Exit tickets for each lesson	• Texts ○ Big Ideas • Materials ○ Big Ideas materials ○ Reflex ○ iReady ○ Individual whiteboards
Big Ideas Chapter 8 (14 days)	• MATH.3.NBT.A.2 With accuracy	**Obj. We are learning to**: • Fluently add and subtract within 1000 using strategies and algorithms based on place value,	• Texts ○ Big Ideas • Materials

	and efficiency, add and subtract within 1000 using strategies and algorithms based on place value, properties of operations, and/or the relationship between addition and subtraction.	properties of operations, and/or the relationship between addition and subtraction **Suggested Formative Assessment(s)**: ● My Learning Path weekly progress ● Diagnostic Growth assessments ● Teacher observation ● Class participation ● Guided practice ● Individual practice ● Group work ● Student workbook ● Exit tickets for each lesson	○ Big Ideas materials ○ Reflex ○ iReady ○ Individual whiteboards
Big Ideas Chapter 9 (14 days)	● MATH.3.NBT.A.3 Multiply one-digit whole numbers by multiples of 10 in the range 10–90 (e.g., 9 × 80, 5 × 60) using strategies based on place value and properties of operations. ● MATH.3.OA.D Solve problems involving the four operations, and identify and explain patterns in arithmetic	**Obj. We are learning to**: ● Multiply one-digit whole numbers by multiples of 10 in the range 10-90 (ex. 9x80, 5x60) using strategies based on place value and properties of operations **Suggested Formative Assessment(s)**: ● My Learning Path weekly progress ● Diagnostic Growth assessments ● Teacher observation ● Class participation ● Guided practice ● Individual practice ● Group work ● Student workbook ● Exit tickets for each lesson	● Texts ○ Big Ideas ● Materials ○ Big Ideas materials ○ Reflex ○ iReady ○ Individual whiteboards

Link to Additional Components including Cross Curricular Connections, Accommodations, Assessments, Etc

ELA Enduring Understanding Statements