

GRADE 3– Unit 1/Big Ideas Chapters 1-4

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 1/Big Ideas Math Chapters 1 -4

In unit 1, students will learn to:

- Understanding Multiplication and Division (Chapter 1)
- Multiplication Facts and Strategies (Chapter 2 & 3)
- Division Facts and Strategies (Chapter 4)

Standards Covered in Current Unit/Module

Related Standards and Learning Goals

Swedesboro-Woolwich School District's Mathematics Curriculum Guidance Document

MATH.3.OA.A Represent and solve problems involving multiplication and division
 MATH.3.OA.B Understand properties of multiplication and the relationship between 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

Unit 1/Big Ideas Chapters 1-4 Weekly Learning Activities and Pacing Guide

Topic & # Days	NJ Standards	Critical Knowledge & Skills	Possible Resources & Activities
Big Ideas Chapter 1 (9 days)	<ul style="list-style-type: none"> 3.OA.A - Represent and solve problems involving multiplication and division. 3.OA.B - Understand properties of multiplication and the relationship between multiplication and division. 	<p>Obj. We are learning to:</p> <ul style="list-style-type: none"> Represent and solve problems involving multiplication and division Apply properties of operations as strategies to multiply and divide. Understand division as an unknown factor problem. <p>Suggested Formative Assessment(s):</p> <ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Texts <ul style="list-style-type: none"> Big Ideas Materials <ul style="list-style-type: none"> Big Ideas materials Reflex iReady Individual whiteboards
Big Ideas Chapter 2 (9 days)	<ul style="list-style-type: none"> 3.OA.B - Understand properties of multiplication and the relationship between multiplication and division. 3.OA.C - With accuracy 	<p>Obj. We are learning to:</p> <ul style="list-style-type: none"> Apply properties of operations as strategies to multiply and divide. By the end of Grade 3, know from memory all products of two one-digit numbers. Solve two-step word problems using the four operations. 	<ul style="list-style-type: none"> Texts <ul style="list-style-type: none"> Big Ideas Materials <ul style="list-style-type: none"> Big Ideas materials Reflex iReady Individual whiteboards

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	<p>and efficiency, multiply and divide within 100, using strategies such as the relationship between multiplication and division (e.g., knowing that, one knows) or properties of operations. By the end of Grade 3, know from memory all products of two one-digit numbers.</p> <ul style="list-style-type: none"> • 3.OA.D - Solve two-step word problems, including problems involving money, using the four operations. Represent these problems using equations with a letter standing for the unknown quantity. Assess the reasonableness of answers using mental computation and estimation strategies including rounding 	<p>Suggested Formative Assessment(s):</p> <ul style="list-style-type: none"> • 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 	
<p>Big Ideas Chapter 3 (12 days)</p>	<ul style="list-style-type: none"> • 3.OA.A - Represent and solve problems involving multiplication and division. • 3.OA.B - Understand properties of multiplication and the relationship between multiplication and division. • 3.OA.C - With accuracy and efficiency, multiply and divide within 100, using strategies such as the relationship between multiplication and division (e.g., knowing that, one 	<p>Obj. We are learning to:</p> <ul style="list-style-type: none"> • Represent and solve problems involving multiplication and division. • Apply properties of operations as strategies to multiply and divide. • Understand division as an unknown□factor problem. • By the end of Grade 3, know from memory all products of two one-digit numbers. <p>Suggested Formative Assessment(s):</p> <ul style="list-style-type: none"> • My Learning Path weekly progress • Diagnostic Growth assessments • Teacher observation • Class participation • Guided practice 	<ul style="list-style-type: none"> • Texts <ul style="list-style-type: none"> ○ Big Ideas • Materials <ul style="list-style-type: none"> ○ Big Ideas materials ○ Reflex ○ iReady ○ Individual whiteboards

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	<p>knows) or properties of operations. By the end of Grade 3, know from memory all products of two one-digit numbers.</p> <ul style="list-style-type: none"> 3.OA.D - Solve two-step word problems, including problems involving money, using the four operations. Represent these problems using equations with a letter standing for the unknown quantity. Assess the reasonableness of answers using mental computation and estimation strategies including rounding 	<ul style="list-style-type: none"> Individual practice Group work Student workbook Exit tickets for each lesson 	
Big Ideas Chapter 4 (11 days)	<ul style="list-style-type: none"> 3.OA.A - Represent and solve problems involving multiplication and division. 3.OA.B - Understand properties of multiplication and the relationship between multiplication and division. 3.OA.C - With accuracy and efficiency, multiply and divide within 100, using strategies such as the relationship between multiplication and division (e.g., knowing that, one knows) or properties of operations. By the end of Grade 3, know from memory all products of two one-digit numbers. 3.OA.D - Solve two-step 	<p>Obj. We are learning to:</p> <ul style="list-style-type: none"> Represent and solve problems involving multiplication and division. Apply properties of operations as strategies to multiply and divide. Understand division as an unknown factor problem. By the end of Grade 3, know from memory all products of two one-digit numbers. <p>Suggested Formative Assessment(s):</p> <ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Texts <ul style="list-style-type: none"> Big Ideas Materials <ul style="list-style-type: none"> Big Ideas materials Reflex iReady Individual whiteboards

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(NOTES FOR CURRICULUM WRITING - No need to make any changes or adjustments to the items in these links. These are there for our QSAC Compliance piece.)

[Link to Additional Components including Cross Curricular Connections, Accommodations, Assessments, Etc](#)

[ELA Enduring Understanding Statements](#)