Bid: Ascend Math - Response to 2018-19 Instructional Materials Adoption
ISBN: 1-57458-129-5
Material Title: Ascend Math

Welcome to the Ascend Math Sandbox School for Florida Evaluators. This "sandbox" environment allows you to experience Ascend Math both as a teacher and a student. You are sharing this sandbox with other Ascend Math evaluators.
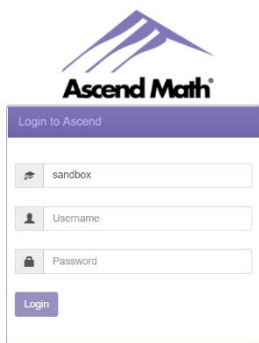
Please follow each step in this sandbox guide to become familiar with the program.

Step 1: Watch (or re-watch) this video FIRST:

What Makes Ascend Math Different for Teachers.

http://ascendmath.com/demo_center_teacher.html

Step 2: Log in to Ascend Math by visiting www.myascendmath.com and entering the student login credentials supplied to you.

Typically, Ascend Math presents a screener (Level Recommendation) to new learners, but this sandbox trial is designed to show the instructional components of the program. (The login to the adaptive screener is available in "Logins"). When you log in as a student, you will see that your student has already completed the Screener (Level Recommendation). The students will be ready to begin the first unit assessment of the level in which they are placed.

Complete ALL problems on this unit assessment to get a feel for the automated prescriptive components. Answer some problems correctly, but also miss a few so you will have skill gaps to work through. Then complete the first few lessons of your individualized study plan, which will be automatically assigned after the unit assessment. We encourage you to complete the entire unit. (You will know when you complete a unit because you will receive a flag on the student home page.)

FIVE sets of logins follow:

Publisher	Florida Representative
Ascend Education	Destination Knowledge
info@ascendmath.com	Kristine Marsh
www.ascendmath.com	kmarsh@destinationknowledge.com
Phone: (318) 865-8232	Phone: (941) 677-6168

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Reviewer A Student Logins

Please browse to www.myascendmath.com

Logins to show SAMPLE content AT Functional Level

For complete scope and sequence click here.

School Name	User Name	Password	LEVEL	Status
Florida	Scholar3A	scholar	3	High school student functioning at 3rd grade level
Florida	Scholar4A	scholar	4	High school student functioning at 4th grade level
Florida	Scholar5A	scholar	5	High school student functioning at 5th grade level
Florida	Scholar6A	scholar	6	High school student functioning at 6th grade level
Florida	Scholar7A	scholar	7	High school student functioning at 7th grade level
Florida	Scholar8A	scholar	8	High school student functioning at 8th grade level
Florida	ScholarHSA	scholar	9-12	High school student functioning at High School level

Login to demonstrate adaptive screener (Level Recommendation)

School Name	User Name	Password	Level	Status
Florida	ScreenerA	screener	Dependent upon screener result	Assigned to LR screener

Reviewer B Student Logins

Please browse to www.myascendmath.com

Logins to show SAMPLE content AT Functional Level

For complete scope and sequence click here.

School Name	User Name	Password	LEVEL	Status
Florida	Scholar3B	scholar	3	High school student functioning at 3rd grade level
Florida	Scholar4B	scholar	4	High school student functioning at 4th grade level
Florida	Scholar5B	scholar	5	High school student functioning at 5th grade level
Florida	Scholar6B	scholar	6	High school student functioning at 6th grade level
Florida	Scholar7B	scholar	7	High school student functioning at 7th grade level
Florida	Scholar8B	scholar	8	High school student functioning at 8th grade level
Florida	ScholarHSB	scholar	9-12	High school student functioning at High School level

Login to demonstrate adaptive screener (Level Recommendation)

School Name	User Name	Password	Level	Status
Florida	ScreenerB	screener	Dependent upon screener result	Assigned to LR screener

Reviewer C Student Logins

Please browse to www.myascendmath.com

Logins to show SAMPLE content AT Functional Level

For complete scope and sequence click here.

School Name	User Name	Password	LEVEL	Status
Florida	Scholar3C	scholar	3	High school student functioning at 3rd grade level
Florida	Scholar4C	scholar	4	High school student functioning at 4th grade level
Florida	Scholar5C	scholar	5	High school student functioning at 5th grade level
Florida	Scholar6C	scholar	6	High school student functioning at 6th grade level
Florida	Scholar7C	scholar	7	High school student functioning at 7th grade level
Florida	Scholar8C	scholar	8	High school student functioning at 8th grade level
Florida	ScholarHSC	scholar	9-12	High school student functioning at High School level

Login to demonstrate adaptive screener (Level Recommendation)

School Name	User Name	Password	Level	Status
Florida	ScreenerC	screener	Dependent upon screener result	Assigned to LR screener

Reviewer D Student Logins

Please browse to www.myascendmath.com

Logins to show SAMPLE content AT Functional Level

For complete scope and sequence click here.

School Name	User Name	Password	LEVEL	Status
Florida	Scholar3D	scholar	3	High school student functioning at 3rd grade level
Florida	Scholar4D	scholar	4	High school student functioning at 4th grade level
Florida	Scholar5D	scholar	5	High school student functioning at 5th grade level
Florida	Scholar6D	scholar	6	High school student functioning at 6th grade level
Florida	Scholar7D	scholar	7	High school student functioning at 7th grade level
Florida	Scholar8D	scholar	8	High school student functioning at 8th grade level
Florida	ScholarHSD	scholar	9-12	High school student functioning at High School level

Login to demonstrate adaptive screener (Level Recommendation)

School Name	User Name	Password	Level	Status
Florida	ScreenerD	screener	Dependent upon screener result	Assigned to LR screener

Reviewer E Student Logins

Please browse to www.myascendmath.com

Logins to show SAMPLE content AT Functional Level

For complete scope and sequence click here.

School Name	User Name	Password	LEVEL	Status
Florida	Scholar3E	scholar	3	High school student functioning at 3rd grade level
Florida	Scholar4E	scholar	4	High school student functioning at 4th grade level
Florida	Scholar5E	scholar	5	High school student functioning at 5th grade level
Florida	Scholar6E	scholar	6	High school student functioning at 6th grade level
Florida	Scholar7E	scholar	7	High school student functioning at 7th grade level
Florida	Scholar8E	scholar	8	High school student functioning at 8th grade level
Florida	ScholarHSE	scholar	9-12	High school student functioning at High School level

Login to demonstrate adaptive screener (Level Recommendation)

School Name	User Name	Password	Level	Status
Florida	ScreenerE	screener	Dependent upon screener result	Assigned to LR screener

Step 3: Once you are familiar with the student learning center, log in as a teacher using this login:

School Name: Florida
User Name: teacher1
Password: 1

As "teacher1" you will be presented immediately with the Teacher Dashboard which will show you 5 classes – one for each of reviewer. Note: all evaluators are sharing the same teacher for the purposes of a more robust Dashboard.

Clicking the grey class name tile takes you to the Class Dashboard. Teachers use this Class Dashboard frequently as an indispensable tool to efficiently monitor class and student progress. Take a moment to explore the graphs and information presented.
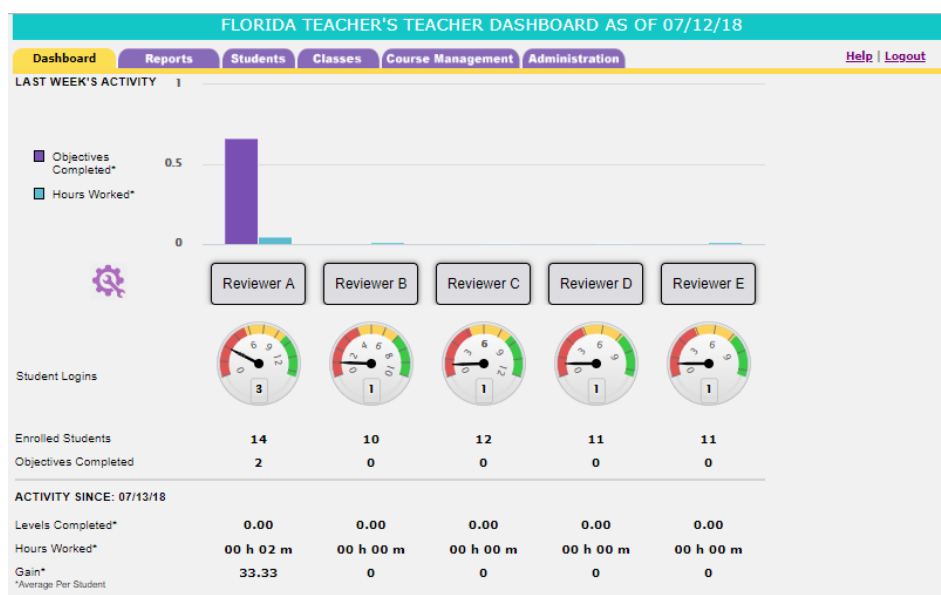
Publisher
Ascend Education
info@ascendmath.com
www.ascendmath.com
Phone: (318) 865-8232

Florida Representative
Destination Knowledge
Kristine Marsh
kmarsh@destinationknowledge.com
Phone: (941) 677-6168

Step 3 (cont.):

Click on Class Roster. A roster spreadsheet containing user names, passwords, and level data will automatically download. You may save or print this list for future reference. For all sandbox students, their user name is their first name and their password is their grade level. Some example students have "celebrity"] names in lower-case text (e.g., Bugs Bunny, Boo Boo). Feel free to log in as any celebrity student to experience Ascend Math as a student. (Note: The non-celebrity students belong to other educators participating in this same sandbox, so please do not log in as an all-caps student belonging to someone else.)

Class Roster

Report Date:	08/22/2016				
School Name:	SandBox				
Teacher Name:	Teacher1				
User Name	Password	First Name	Last Name	Actual Grade	Class Name
Teri	8	Teri	Hatcher	8th Grade	Middle School
Tommy	6	Tommy	LeeJones	8th Grade	Middle School
SANDY	Sandy	SANDY	WORTH	6th Grade	Middle School
Derek	7	Derek	Hough	8th Grade	Middle School
Chuck	7	Chuck	Lorre	8th Grade	Middle School

Check out the Live Student Tracker (LST), a real time report that lists each student in the class, their level, and current/next lesson information. Sorting this report by current lesson allows you to identify students who are working on the same objective, which can be helpful when considering small group instruction.

Step 4: Explore the Course Management Tab.

Under the Course Management tab, you will be able to preview lessons and view the Unit Summary Report. Clicking on the blue objective title allows you to preview the lesson as a student (hit the "back" button to return to the teacher interface).

The Unit Summary Report shows the scope and sequence of student lessons. Simply select the level you wish to view and click the "View Units Report" button to see a list of the scope and sequence. Or Click Here for the Scope and Sequence. This scope and sequence highlights on level objectives and support objectives for scaffolding.
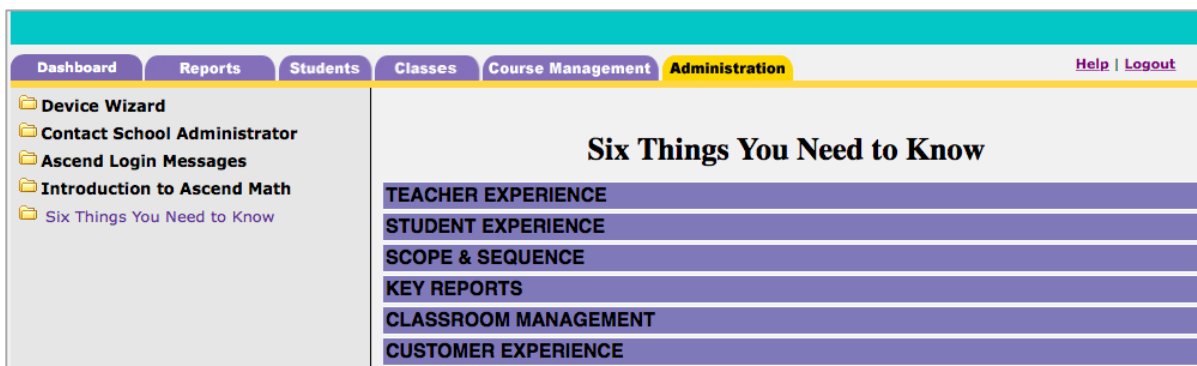
Level 7 Unit Report Summary

Report Date: 07/13/18 01:20:39 PM

No.	Objective Code	MAFS	Objective Title

Whole Number Addition and Subtraction - (Ascend Default Unit)

| 1. | 1006 | MAFS.7.G.2.6 | Addition and Subtraction on a Horizontal Number Line Diagram |

Whole Number Multiplication and Division - (Ascend Default Unit)

| 1. | 1007 | MAFS.7.G.2.6 | Distributive Property, Using Place Value Strategies |
| 2. | 1008 | MAFS.7.G.2.6 | Multiplication and Division of Rational Numbers |

Step 5: Check out the *Six Things You Need to Know.*

Educators new to Ascend Math will appreciate the help resource entitled "Six Things You Need to Know," which can be found on the Administration tab. This handy guide contains helpful tutorials divided into six categories. Explore each heading to see how teachers will have answers to the most commonly asked questions at their fingertips.

| Dashboard | Reports | Students | Classes | Course Management | **Administration** | Help \| Logout |

📁 **Device Wizard**
📁 **Contact School Administrator**
📁 **Ascend Login Messages**
📁 **Introduction to Ascend Math**
📁 Six Things You Need to Know

Six Things You Need to Know

TEACHER EXPERIENCE
STUDENT EXPERIENCE
SCOPE & SEQUENCE
KEY REPORTS
CLASSROOM MANAGEMENT
CUSTOMER EXPERIENCE

Publisher   Florida Representative
Ascend Education   Destination Knowledge
info@ascendmath.com   Kristine Marsh
www.ascendmath.com   kmarsh@destinationknowledge.com
Phone: (318) 865-8232   Phone: (941) 677-6168

Alignment to the Florida State Standards

Alignment Report Legend
Alignment Match
Scaffold: Supporting Objective

The following report highlights each objective as an **Alignment Match** or a **Supporting Objective**.

As a student progresses through levels, foundational skills are periodically offered again via **Supporting Objectives**. This is to ensure that the student has the foundational knowledge to complete the next assigned objective in the plan.

-in most cases the student will quickly and easily pre assess out of the foundational skills as they reappear

or

-the student will have the opportunity to refresh his or her knowledge prior to working on the objectives that match the on level alignment. Therefore for the purposes of this report, a **Supporting Objective** ensures that the student has foundational skills and knowledge to complete the objectives that are a true **Alignment Match**.

Each Ascend objective consists of at least four instructional activities:

Video, practice questions, study guide, post assessment, exploration, review sheet.

Unit	Objective Code	Florida State Standards	Objective Title
Introduction to Patterns - Level Kindergarten			
	E1.01.A	MAFS-K.G.1, MAFS-K.MD.3	Which Item Does Not Belong?
	E1.01.B	MAFS-K.G.1, MAFS-K.MD.3	What is Next in the Pattern?
	E1.01.C	MAFS-K.CC.1, MAFS-K.CC.2, MAFS-K.CC.3, MAFS-K.CC.4, MAFS-K.CC.5	Counting Objects
	E1.01.D	MAFS-K.CC.1, MAFS-K.CC.2, MAFS-K.CC.3, MAFS-K.CC.4, MAFS-K.CC.5	Which Number Comes Next?
	E5.02.A	MAFS-K.CC.6, MAFS-K.CC.7	Counting and Comparing Objects, Most and Least
	E5.02.B	MAFS-K.CC.6, MAFS-K.CC.7	Counting and Comparing Objects, Greater and Less Than
	E1.08.A	MAFS-K.CC.1, MAFS-K.CC.2, MAFS-K.CC.3, MAFS-K.CC.4, MAFS-K.CC.5	Counting to 100
	E5.05	MAFS-K.G.1, MAFS-K.G.2, MAFS-K.G.3, MAFS-K.G.4, MAFS-K.G.5, MAFS-K.G.6, MAFS-K.MD.1, MAFS-K.MD.2	Identifying Shapes
Introduction to Addition - Level Kindergarten			
	E1.02.A	MAFS-K.OA.1, MAFS-K.OA.2, MAFS-K.OA.3, MAFS-K.OA.4, MAFS-K.OA.5	Addition, Objects
	E1.02.B	MAFS-K.OA.3, MAFS-K.OA.4, MAFS-K.OA.5	Addition, Numbers
	E1.02.C	MAFS-K.OA.5	Addition, Intro to Properties
	E1.02.D	MAFS-K.OA.5	Addition, Applications
	E1.02.E	MAFS-K.OA.1, MAFS-K.OA.2, MAFS-K.OA.3, MAFS-K.OA.4, MAFS-K.OA.5	Addition, Review

Unit	Objective Code	Florida State Standards	Objective Title
Introduction to Subtraction - Level Kindergarten			
	E1.03.A	MAFS-K.NBT.1, MAFS-K.OA.5	Subtraction Intro, Objects
	E1.03.B	MAFS-K.NBT.1, MAFS-K.OA.3, MAFS-K.OA.4, MAFS-K.OA.5	Subtraction Intro, Numbers
	E1.03.C	MAFS-K.NBT.1, MAFS-K.OA.1, MAFS-K.OA.2, MAFS-K.OA.3, MAFS-K.OA.4, MAFS-K.OA.5	Take Away, Objects
	E1.03.D	MAFS-K.NBT.1, MAFS-K.OA.5	Take Away, Numbers
	E1.03.E	MAFS-K.NBT.1, MAFS-K.OA.5	Vertical Subtraction
	E1.03.F	MAFS-K.NBT.1, MAFS-K.OA.5	Subtraction, Review of Intro

Unit	Objective Code	Florida State Standards	Objective Title
Greater Than, Less Than - Level Kindergarten			
	E1.04.A	MAFS-K.CC.6, MAFS-K.CC.7, MAFS-K.MD.2	Greater Than, Less Than, Intro
	E1.04.B	MAFS-K.CC.7, MAFS-K.MD.2	Greater Than, Less Than
	E1.04.C	MAFS-K.CC.7, MAFS-K.MD.2	Which is Greater?
	E1.04.D	MAFS-K.MD.2	Greater Than & Less Than, Applications

Unit	Objective Code	Florida State Standards	Objective Title
Introduction to Place Value - Level Kindergarten			
	E2.06.A	MAFS-K.NBT.1	Place Value, Ones and Tens

Unit	Objective Code	Florida State Standards	Objective Title
Introduction to Patterns - Level 1			
	E1.01.C	MAFS-1.NBT.1	Counting Objects
	E1.01.D	MAFS-1.NBT.1	Which Number Comes Next?
	E1.08.A	MAFS-1.NBT.1	Counting to 100

Introduction to Addition - Level 1

Unit	Objective Code	Florida State Standards	Objective Title
	E1.02.A	MAFS-1.NBT.4, MAFS-1.OA.1, MAFS-1.OA.7	Addition, Objects
	E1.02.B	MAFS-1.OA.2	Addition, Numbers
	E1.02.C	MAFS-1.OA.2, MAFS-1.OA.3	Addition, Intro to Properties
	E1.02.D	MAFS-1.OA.2	Addition, Applications
	E1.02.E	MAFS-1.OA.2	Addition, Review

Introduction to Subtraction - Level 1

Unit	Objective Code	Florida State Standards	Objective Title
	E1.03.A	MAFS-1.OA.1	Subtraction Intro, Objects
	E1.03.B	MAFS-1.OA.1	Subtraction Intro, Numbers
	E1.03.C	MAFS-1.OA.3	Take Away, Objects
	E1.03.D	MAFS-1.OA.3	Take Away, Numbers
	E1.03.E	MAFS-1.OA.3	Vertical Subtraction
	E1.03.F	MAFS-1.OA.3	Subtraction, Review of Intro

Greater Than, Less Than - Level 1

Unit	Objective Code	Florida State Standards	Objective Title
	E1.04.A	MAFS-1.MD.1, MAFS-1.NBT.3	Greater Than, Less Than, Intro
	E1.04.B	MAFS-1.MD.1, MAFS-1.NBT.3	Greater Than, Less Than
	E1.04.C	MAFS-1.MD.1, MAFS-1.NBT.3	Which is Greater?
	E1.04.D	MAFS-1.MD.1, MAFS-1.NBT.3	Greater Than & Less Than, Applications

Introduction to Measurement - Level 1

Unit	Objective Code	Florida State Standards	Objective Title
	E5.15	MAFS-1.MD.1, MAFS-1.MD.2, MAFS-1.MD.4	Introduction to Measurement
	E1.06.A	MAFS-1.MD.3	Parts of a Clock and Telling Time

Addition and Subtraction - Level 1

Unit	Objective Code	Florida State Standards	Objective Title
	E2.01.A	MAFS-1.OA.1, MAFS-1.OA.3, MAFS-1.OA.4, MAFS-1.OA.5, MAFS-1.OA.6, MAFS-1.OA.7, MAFS-1.OA.8	Addition, Properties

Unit	Objective Code	Florida State Standards	Objective Title
	E2.01.B	MAFS-1.OA.1, MAFS-1.OA.3, MAFS-1.OA.4, MAFS-1.OA.5, MAFS-1.OA.6, MAFS-1.OA.7, MAFS-1.OA.8	Add and Subtract, Problem Solving
	E2.01.C	MAFS-1.OA.1, MAFS-1.OA.3, MAFS-1.OA.4, MAFS-1.OA.5, MAFS-1.OA.6, MAFS-1.OA.7, MAFS-1.OA.8	Addition Sentences, Missing Numbers
	E2.01.D	MAFS-1.OA.1, MAFS-1.OA.3, MAFS-1.OA.4, MAFS-1.OA.5, MAFS-1.OA.6, MAFS-1.OA.7, MAFS-1.OA.8	Subtraction Sentences, Missing Numbers

Elementary Addition - Level 1

Unit	Objective Code	Florida State Standards	Objective Title
	E2.03.C	MAFS-1.NBT.4, MAFS-1.NBT.5	Vertical Addition, Strategies II
	E2.03.A	MAFS-1.NBT.4, MAFS-1.NBT.5, MAFS-1.OA.1	Sums to Eighteen
	E2.03.B	MAFS-1.NBT.4, MAFS-1.NBT.5	Vertical Addition, Strategies I

Elementary Subtraction - Level 1

Unit	Objective Code	Florida State Standards	Objective Title
	E2.05.A	MAFS-1.NBT.6	Subtraction by Counting Back
	E2.05.B	MAFS-1.NBT.6	Subtracting by Counting Back, Practice
	E2.05.C	MAFS-1.NBT.6	Add to Check
	E2.05.D	MAFS-1.NBT.6	Subtraction, Applications
	E2.08.A	MAFS-1.NBT.6	Subtracting by Tens Part 1
	E2.08.B	MAFS-1.NBT.5, MAFS-1.NBT.6	Subtracting by Tens Part 2

Introduction to Place Value - Level 1

Unit	Objective Code	Florida State Standards	Objective Title
	E2.06.A	MAFS-1.NBT.2	Place Value, Ones and Tens

Geometry Concepts - Level 1

Unit	Objective Code	Florida State Standards	Objective Title
	E5.06	MAFS-1.G.1, MAFS-1.G.2, MAFS-1.G.3	Identifying shapes and their attributes

Unit	Objective Code	Florida State Standards	Objective Title
Introduction to Patterns - Level 2			
	E1.08.A	MAFS-2.NBT.2	Counting to 100
Introduction to Addition - Level 2			
	E5.04.A	MAFS-2.OA.4	Addition of Objects Using Arrays
	E5.11	MAFS-2.OA.3	Even Numbers as a Sum of Equal Addends
Greater Than, Less Than - Level 2			
	E1.04.A	MAFS-2.NBT.4	Greater Than, Less Than, Intro
	E1.04.B	MAFS-2.NBT.4	Greater Than, Less Than
	E1.04.C	MAFS-2.NBT.4	Which is Greater?
	E1.04.D	MAFS-2.NBT.4	Greater Than & Less Than, Applications
Introduction to Money - Level 2			
	E1.05.B	MAFS-2.MD.8	Counting Money
	E1.05.C	MAFS-2.MD.8	Counting Money, Applications
	E1.05.D	MAFS-2.MD.8	Making Change
	E1.05.E	MAFS-2.MD.8	Counting Money, Review
	E1.05.A	MAFS-2.MD.8	Money, Intro
Introduction to Measurement - Level 2			
	E5.16	MAFS-2.MD.2, MAFS-2.MD.3, MAFS-2.MD.4, MAFS-2.MD.5, MAFS-2.MD.6	Foundations of Measurement
	E1.06.A	MAFS-2.MD.7	Parts of a Clock and Telling Time
	E1.07.A	MAFS-2.MD.1, MAFS-2.MD.2, MAFS-2.MD.3, MAFS-2.MD.4, MAFS-2.MD.5, MAFS-2.MD.6, MAFS-2.MD.9	Measurement, Inches and Feet
	E5.19	MAFS-2.MD.10	Picture and Bar Graph

Unit	Objective Code	Florida State Standards	Objective Title
Addition and Subtraction - Level 2			
	E2.01.A	MAFS-2.OA.2	Addition, Properties
	E2.01.B	MAFS-2.OA.2	Add and Subtract, Problem Solving
	E2.01.C	MAFS-2.OA.2	Addition Sentences, Missing Numbers
	E2.01.D	MAFS-2.OA.2	Subtraction Sentences, Missing Numbers
Elementary Addition - Level 2			
	E2.03.C	MAFS-2.NBT.5	Vertical Addition, Strategies II
	E2.07.A	MAFS-2.NBT.6, MAFS-2.OA.1	2-Digit Addition, 2-Digit Answers
	E2.07.B	MAFS-2.NBT.6, MAFS-2.OA.1	2-Digit Addition, 3-Digit Answers
	E2.07.C	MAFS-2.NBT.6, MAFS-2.OA.1	3-Digit Addition, 3-Digit Answers
	E2.03.A	MAFS-2.NBT.5	Sums to Eighteen
	E2.03.B	MAFS-2.NBT.5	Vertical Addition, Strategies I
Introduction to Odd and Even - Level 2			
	E2.04.A	MAFS-2.OA.3	Odd and Even
	E2.04.B	MAFS-2.OA.3	Patterns with Numbers
	E2.04.C	MAFS-2.NBT.2, MAFS-2.NBT.3, MAFS-2.OA.3	Skip Counting by 2s
	E2.04.E	MAFS-2.OA.3	Odd and Even, Application
Elementary Subtraction - Level 2			
	E2.05.A	MAFS-2.NBT.5	Subtraction by Counting Back
	E2.05.B	MAFS-2.NBT.5	Subtracting by Counting Back, Practice
	E2.05.C	MAFS-2.NBT.5	Add to Check
	E2.05.D	MAFS-2.NBT.5	Subtraction, Applications
	E2.08.A	MAFS-2.NBT.7, MAFS-2.NBT.8, MAFS-2.OA.1	Subtracting by Tens Part 1
	E2.08.B	MAFS-2.NBT.7, MAFS-2.NBT.8, MAFS-2.OA.1	Subtracting by Tens Part 2

Unit	Objective Code	Florida State Standards	Objective Title
	E2.08.C	MAFS-2.NBT.7, MAFS-2.NBT.8, MAFS-2.OA.1	Vertical Subtraction, 2-Digit
	E2.08.D	MAFS-2.NBT.7, MAFS-2.NBT.8, MAFS-2.OA.1	Vertical Subtraction, 3-Digit

Introduction to Place Value - Level 2

Unit	Objective Code	Florida State Standards	Objective Title
	E2.06.A	MAFS-2.NBT.3, MAFS-2.NBT.5, MAFS-2.NBT.7, MAFS-2.NBT.9	Place Value, Ones and Tens
	E2.06.B	MAFS-2.NBT.1, MAFS-2.NBT.9, MAFS-2.OA.1	Place Value, Hundreds

Whole Numbers - Level 3

Unit	Objective Code	Florida State Standards	Objective Title
	E1.01	MAFS-3.OA.9	Elementary Patterns
	E1.04	MAFS-3.NF.3d	Greater Than & Less Than
	E2.04	MAFS-3.G.1, MAFS-3.G.2, MAFS-3.MD.3, MAFS-3.MD.5a, MAFS-3.MD.5b, MAFS-3.MD.6, MAFS-3.MD.7, MAFS-3.MD.7a, MAFS-3.MD.7b, MAFS-3.MD.7c, MAFS-3.MD.7d, MAFS-3.MD.8, MAFS-3.OA.9	Odd & Even
	E2.06	MAFS-3.NBT.1	Place Value
	1011	MAFS-3.NBT.1	Whole Numbers and Place Value
	1017	MAFS-3.NBT.1	Rounding Whole Numbers Using a Number Line Diagram
	1018	MAFS-3.OA.8	Rounding Whole Numbers

Elementary Addition and Subtraction - Level 3

Unit	Objective Code	Florida State Standards	Objective Title
	E1.02	MAFS-3.NBT.2	Addition
	E1.03	MAFS-3.NBT.2	Subtraction
	E2.01	MAFS-3.NBT.2	Addition & Subtraction
	E2.03	MAFS-3.NBT.2	Sums to 18
	E2.05	MAFS-3.NBT.2	Subtraction Facts
	E2.07	MAFS-3.NBT.2	2&3 Digit Addition
	E2.08	MAFS-3.NBT.2	2&3 Digit Subtraction

Alignment Match
Scaffold: Supporting Objective

Unit	Objective Code	Florida State Standards	Objective Title

Elementary Multiplication - Level 3

Unit	Objective Code	Florida State Standards	Objective Title
	E5.12.A	MAFS-3.MD.7, MAFS-3.MD.7a, MAFS-3.MD.7b, MAFS-3.MD.7c, MAFS-3.MD.7d, MAFS-3.MD.8, MAFS-3.OA.1	The Concept of Perimeter and Area Models Connected to Addition
	E5.12.B	MAFS-3.MD.7, MAFS-3.MD.7a, MAFS-3.MD.7b, MAFS-3.MD.7c, MAFS-3.MD.7d, MAFS-3.MD.8, MAFS-3.OA.1	Applications of Multiplication Using Area Models
	E5.12.C	MAFS-3.MD.7, MAFS-3.MD.7a, MAFS-3.MD.7b, MAFS-3.MD.7c, MAFS-3.MD.7d, MAFS-3.MD.8, MAFS-3.OA.1	Conceptual Multiplication Applications
	E3.01	MAFS-3.NBT.3, MAFS-3.OA.1, MAFS-3.OA.3, MAFS-3.OA.4, MAFS-3.OA.5, MAFS-3.OA.6, MAFS-3.OA.7	Understanding Multiplication
	E5.25.A	MAFS-3.NBT.3	Interpreting Products of Whole Numbers Using Multiples of 10
	E5.25.B	MAFS-3.NBT.3	Multiples of 10 Using Base Ten Strategies
	E3.02	MAFS-3.NBT.3, MAFS-3.OA.1, MAFS-3.OA.3, MAFS-3.OA.4, MAFS-3.OA.5, MAFS-3.OA.6, MAFS-3.OA.7	2&5 as Factors
	E3.03	MAFS-3.NBT.3, MAFS-3.OA.1, MAFS-3.OA.3, MAFS-3.OA.4, MAFS-3.OA.5, MAFS-3.OA.6, MAFS-3.OA.7	9,1,0 as Factors
	E3.04	MAFS-3.NBT.3, MAFS-3.OA.1, MAFS-3.OA.3, MAFS-3.OA.4, MAFS-3.OA.5, MAFS-3.OA.6, MAFS-3.OA.7	3&4 as Factors
	E3.05	MAFS-3.NBT.3, MAFS-3.OA.1, MAFS-3.OA.3, MAFS-3.OA.4, MAFS-3.OA.5, MAFS-3.OA.6, MAFS-3.OA.7	Multiplication Review

Unit	Objective Code	Florida State Standards	Objective Title
Elementary Division - Level 3			
	E5.21	MAFS-3.OA.2	Foundations of Division
	E3.07	MAFS-3.OA.2, MAFS-3.OA.3, MAFS-3.OA.4, MAFS-3.OA.5, MAFS-3.OA.6, MAFS-3.OA.7, MAFS-3.OA.8	Understanding Division
	E3.08	MAFS-3.OA.2, MAFS-3.OA.3, MAFS-3.OA.4, MAFS-3.OA.5, MAFS-3.OA.6, MAFS-3.OA.7, MAFS-3.OA.8	Dividing by 2&3
	E3.09	MAFS-3.OA.2, MAFS-3.OA.3, MAFS-3.OA.4, MAFS-3.OA.5, MAFS-3.OA.6, MAFS-3.OA.7, MAFS-3.OA.8	Dividing by 4&5
	E3.10	MAFS-3.OA.2, MAFS-3.OA.3, MAFS-3.OA.4, MAFS-3.OA.5, MAFS-3.OA.6, MAFS-3.OA.7, MAFS-3.OA.8	Division Review

Unit	Objective Code	Florida State Standards	Objective Title
Elementary Multiplication and Division with Two or More Digits - Level 3			
	E4.01	MAFS-3.NBT.3, MAFS-3.OA.3, MAFS-3.OA.4, MAFS-3.OA.5, MAFS-3.OA.6, MAFS-3.OA.7, MAFS-3.OA.8	Multiplying with 2 Digit Factors
	E5.13	MAFS-3.NBT.3, MAFS-3.OA.3, MAFS-3.OA.4, MAFS-3.OA.6, MAFS-3.OA.8	Relationship Between Multiplication and Division with Unknown-Factors
	E5.23	MAFS-3.OA.5	Multiplication and Division using Associative and Distributive Properties
	E5.24	MAFS-3.OA.8	Modeling Multiplication and Division with Unknowns
	E4.02	MAFS-3.OA.8	Finding 2 Digit Quotients

Unit	Objective Code	Florida State Standards	Objective Title
Elementary Measurement - Level 3			
	E5.18	MAFS-3.MD.1	Modeling Time on a Number Line Diagram

Unit	Objective Code	Florida State Standards	Objective Title
	E1.06	MAFS-3.MD.1	Time
	E1.07	MAFS-3.MD.2, MAFS-3.MD.4, MAFS-3.MD.5, MAFS-3.MD.5a	Measurement
	E4.03	MAFS-3.MD.2, MAFS-3.MD.4, MAFS-3.MD.5, MAFS-3.MD.5a	Metric Measurement

Whole Number Addition and Subtraction - Level 3

Unit	Objective Code	Florida State Standards	Objective Title
	1012	MAFS-3.NBT.2	Adding Whole Numbers with a Number Line Diagram
	1013	MAFS-3.NBT.2	Properties of Addition with Whole Numbers
	1014	MAFS-3.NBT.2	Adding Whole Numbers in Columns
	1015	MAFS-3.NBT.2	Subtracting Multi-Digit Whole Numbers
	1016	MAFS-3.MD.7d, MAFS-3.MD.8, MAFS-3.OA.8	Modeling Addition and Subtraction of Whole Numbers

Whole Number Multiplication and Division - Level 3

Unit	Objective Code	Florida State Standards	Objective Title
	1021	MAFS-3.OA.9	Properties of Multiplication with Whole Numbers
	1022	MAFS-3.MD.7	Multiplying Whole Numbers
	1031	MAFS-3.OA.7	Properties of Division

Fractions Concepts - Level 3

Unit	Objective Code	Florida State Standards	Objective Title
	E5.01	MAFS-3.NF.1, MAFS-3.NF.2, MAFS-3.NF.2a, MAFS-3.NF.2b, MAFS-3.NF.3, MAFS-3.NF.3a, MAFS-3.NF.3b, MAFS-3.NF.3c, MAFS-3.NF.3d	Understanding Unit Fractions Using Area Models

Unit	Objective Code	Florida State Standards	Objective Title
	E5.03	MAFS-3.NF.2, MAFS-3.NF.2a, MAFS-3.NF.2b, MAFS-3.NF.3, MAFS-3.NF.3a, MAFS-3.NF.3b, MAFS-3.NF.3c, MAFS-3.NF.3d	Comparing Fractions Using Visual Fraction Models
	E4.04	MAFS-3.NF.1, MAFS-3.NF.2, MAFS-3.NF.2a, MAFS-3.NF.2b, MAFS-3.NF.3, MAFS-3.NF.3a, MAFS-3.NF.3b, MAFS-3.NF.3c, MAFS-3.NF.3d	Understanding Fractions

Geometry Concepts - Level 3

Unit	Objective Code	Florida State Standards	Objective Title
	E5.08	MAFS-3.G.1, MAFS-3.G.2	Understanding Geometric Shapes and their Attributes
	E5.09	MAFS-3.MD.5, MAFS-3.MD.5a, MAFS-3.MD.5b, MAFS-3.MD.6, MAFS-3.MD.7, MAFS-3.MD.7a, MAFS-3.MD.7b, MAFS-3.MD.7c, MAFS-3.MD.7d, MAFS-3.MD.8	Area and Unit Squares

Statistics - Level 3

Unit	Objective Code	Florida State Standards	Objective Title
	E5.20	MAFS-3.MD.3	Introduction to Bar Graphs
	E5.26	MAFS-3.MD.4	Introduction to Line Plots Using Measurements

Whole Numbers - Level 4

Unit	Objective Code	Florida State Standards	Objective Title
	1039	MAFS-4.NBT.2	Comparing Whole Numbers Using Symbols
	E2.06	MAFS-4.NBT.1, MAFS-4.NBT.2	Place Value
	1011	MAFS-4.NBT.1, MAFS-4.NBT.2	Whole Numbers and Place Value
	1017	MAFS-4.NBT.3	Rounding Whole Numbers Using a Number Line Diagram

Unit	Objective Code	Florida State Standards	Objective Title
	1018	MAFS-4.NBT.3	Rounding Whole Numbers

Elementary Addition and Subtraction - Level 4

Unit	Objective Code	Florida State Standards	Objective Title
	E1.02	MAFS-4.NBT.4	Addition
	E1.03	MAFS-4.NBT.4	Subtraction
	E2.01	MAFS-4.NBT.4	Addition & Subtraction
	E2.03	MAFS-4.NBT.4	Sums to 18
	E2.05	MAFS-4.NBT.4	Subtraction Facts
	E2.07	MAFS-4.NBT.4	2&3 Digit Addition
	E2.08	MAFS-4.NBT.4	2&3 Digit Subtraction

Elementary Multiplication - Level 4

Unit	Objective Code	Florida State Standards	Objective Title
	1035	MAFS-4.NBT.5, MAFS-4.OA.1	Foundation of Multiplication Using Place Value
	E3.01	MAFS-4.NBT.5, MAFS-4.OA.1, MAFS-4.OA.3	Understanding Multiplication
	E3.02	MAFS-4.NBT.5, MAFS-4.OA.1, MAFS-4.OA.3	2&5 as Factors
	E3.03	MAFS-4.NBT.5, MAFS-4.OA.1, MAFS-4.OA.3	9,1,0 as Factors
	E3.04	MAFS-4.NBT.5, MAFS-4.OA.1, MAFS-4.OA.3	3&4 as Factors
	E3.05	MAFS-4.NBT.5, MAFS-4.OA.1, MAFS-4.OA.3	Multiplication Review

Elementary Division - Level 4

Unit	Objective Code	Florida State Standards	Objective Title
	1036	MAFS-4.NBT.6	Foundations of Division Using Area Models
	E3.07	MAFS-4.NBT.5, MAFS-4.OA.2, MAFS-4.OA.3	Understanding Division
	E3.08	MAFS-4.NBT.5, MAFS-4.OA.2, MAFS-4.OA.3	Dividing by 2&3
	E3.09	MAFS-4.NBT.5, MAFS-4.OA.2, MAFS-4.OA.3	Dividing by 4&5
	E3.10	MAFS-4.NBT.5, MAFS-4.OA.2, MAFS-4.OA.3	Division Review

Unit	Objective Code	Florida State Standards	Objective Title
Elementary Multiplication and Division with Two or More Digits - Level 4			
	E4.01	MAFS-4.NBT.5, MAFS-4.OA.1, MAFS-4.OA.2, MAFS-4.OA.3	Multiplying with 2 Digit Factors
	E4.02	MAFS-4.NBT.5, MAFS-4.OA.2, MAFS-4.OA.3	Finding 2 Digit Quotients
	1037	MAFS-4.OA.2, MAFS-4.OA.3	Modeling Multiplication and Division with Unknown Factors
	1038	MAFS-4.NBT.6, MAFS-4.OA.2	Multiplication and Division with Unknown Factors

Unit	Objective Code	Florida State Standards	Objective Title
Elementary Measurement - Level 4			
	E1.05	MAFS-4.MD.1	Money
	E1.07	MAFS-4.MD.1, MAFS-4.MD.2	Measurement
	E4.03	MAFS-4.MD.1, MAFS-4.MD.2	Metric Measurement

Unit	Objective Code	Florida State Standards	Objective Title
Whole Number Addition and Subtraction - Level 4			
	1009	MAFS-4.NBT.4	Associative and Commutative Properties
	1012	MAFS-4.NBT.4	Adding Whole Numbers with a Number Line Diagram
	1013	MAFS-4.NBT.4	Properties of Addition with Whole Numbers
	1014	MAFS-4.NBT.4	Adding Whole Numbers in Columns
	1015	MAFS-4.NBT.4	Subtracting Multi-Digit Whole Numbers
	1016	MAFS-4.MD.2, MAFS-4.MD.3, MAFS-4.NBT.4	Modeling Addition and Subtraction of Whole Numbers

Unit	Objective Code	Florida State Standards	Objective Title
Whole Number Multiplication and Division - Level 4			
	1007	MAFS-4.NBT.5	Distributive Property, Using Place Value Strategies
	1044	MAFS-4.OA.3	Mental Math
	1021	MAFS-4.NBT.5	Properties of Multiplication with Whole Numbers

Unit	Objective Code	Florida State Standards	Objective Title
	1022	MAFS-4.NBT.5, MAFS-4.OA.1, MAFS-4.OA.2, MAFS-4.OA.3	Multiplying Whole Numbers
	1023	MAFS-4.MD.2, MAFS-4.MD.3	Modeling Multiplication of Whole Numbers
	1040	MAFS-4.OA.3	Guess and Check
	1032	MAFS-4.NBT.6, MAFS-4.OA.3	Division with Remainders

Whole Number Factors and Multiples - Level 4

Unit	Objective Code	Florida State Standards	Objective Title
	1054	MAFS-4.OA.4	Factor Pairs

Fractions Concepts - Level 4

Unit	Objective Code	Florida State Standards	Objective Title
	E4.04	MAFS-4.MD.4, MAFS-4.NF.1, MAFS-4.NF.2, MAFS-4.NF.3c, MAFS-4.NF.3d, MAFS-4.NF.4a, MAFS-4.NF.4b, MAFS-4.NF.4c, MAFS-4.NF.5	Understanding Fractions
	2112	MAFS-4.NF.1, MAFS-4.NF.2, MAFS-4.NF.3, MAFS-4.NF.3a, MAFS-4.NF.4a	Understanding Unit Fractions on a Number Line Diagram
	2114	MAFS-4.NF.2, MAFS-4.NF.3	Comparing Fractions Using Area Models
	2220	MAFS-4.MD.4, MAFS-4.NF.2	Line Plots to Display Fractional Data

Fractions Operations - Level 4

Unit	Objective Code	Florida State Standards	Objective Title
	2221	MAFS-4.NF.4, MAFS-4.NF.4a, MAFS-4.NF.4b, MAFS-4.NF.4c	Multiplying a Fraction by a Whole Number Using Area Models
	2119	MAFS-4.NF.3a, MAFS-4.NF.3b, MAFS-4.NF.3c, MAFS-4.NF.3d	Modeling Addition and Subtraction of Fractions
	E4.05	MAFS-4.MD.4, MAFS-4.NF.3, MAFS-4.NF.3a, MAFS-4.NF.3b, MAFS-4.NF.3c, MAFS-4.NF.3d, MAFS-4.NF.5	Adding & Subtracting Fractions

Unit	Objective Code	Florida State Standards	Objective Title

Decimals Operations - Level 4

	E4.06	MAFS-4.NF.6, MAFS-4.NF.7	Understanding Decimals
	3100	MAFS-4.NF.7	Comparing Decimals to Hundredths

Decimals Conversions and Applications - Level 4

	4167	MAFS-4.MD.2	Money, Real World Application

Metric and Customary Systems of Measurement - Level 4

	4171	MAFS-4.MD.1	Length, Capacity and Weight

Geometry Concepts - Level 4

	5230	MAFS-4.G.3	Introduction to Symmetry
	5315	MAFS-4.G.2	Shapes and Their Attributes
	5201	MAFS-4.G.1, MAFS-4.G.2, MAFS-4.MD.5, MAFS-4.MD.5a	Geometry Terms: Angles and Lines
	5202	MAFS-4.G.2, MAFS-4.MD.5a, MAFS-4.MD.5b, MAFS-4.MD.6, MAFS-4.MD.7	Angles and Triangles
	5232	MAFS-4.G.3	Symmetry

Statistics - Level 4

	6261	MAFS-4.MD.4	Reading and Interpreting Pictographs, Bar Graphs and Line Graphs

Relations and Functions - Level 4

	6284	MAFS-4.OA.5	Patterns and Numerical Sequences

Whole Numbers - Level 5

Unit	Objective Code	Florida State Standards	Objective Title
	1010	MAFS-5.NBT.1	Place Value When Multiplying and Dividing
	1011	MAFS-5.NBT.1, MAFS-5.NBT.3a, MAFS-5.NBT.4, MAFS-5.NBT.7, MAFS-5.OA.1	Whole Numbers and Place Value
	1017	MAFS-5.NBT.4, MAFS-5.NF.3	Rounding Whole Numbers Using a Number Line Diagram
	1018	MAFS-5.NBT.4, MAFS-5.NF.3	Rounding Whole Numbers

Whole Number Addition and Subtraction - Level 5

	1012	MAFS-5.OA.1	Adding Whole Numbers with a Number Line Diagram
	1013	MAFS-5.OA.1	Properties of Addition with Whole Numbers
	1014	MAFS-5.OA.1	Adding Whole Numbers in Columns
	1015	MAFS-5.OA.1	Subtracting Multi-Digit Whole Numbers
	1016	MAFS-5.OA.1, MAFS-5.OA.2	Modeling Addition and Subtraction of Whole Numbers

Whole Number Multiplication and Division - Level 5

	2115	MAFS-5.NF.5a	Interpreting Multiplication as Scaling
	1021	MAFS-5.OA.1	Properties of Multiplication with Whole Numbers
	1022	MAFS-5.NBT.5, MAFS-5.NBT.6, MAFS-5.NF.4, MAFS-5.OA.1	Multiplying Whole Numbers
	1023	MAFS-5.NF.7c, MAFS-5.OA.1, MAFS-5.OA.2	Modeling Multiplication of Whole Numbers
	1031	MAFS-5.NBT.5, MAFS-5.NBT.6, MAFS-5.NF.4, MAFS-5.NF.7b, MAFS-5.OA.1	Properties of Division
	1061	MAFS-5.NBT.6, MAFS-5.OA.1	Order of Operations: Parentheses, Brackets, and Braces

Unit	Objective Code	Florida State Standards	Objective Title
	1032	MAFS-5.NBT.5, MAFS-5.NBT.6, MAFS-5.NF.4, MAFS-5.NF.7b, MAFS-5.OA.1	Division with Remainders
	1033	MAFS-5.NBT.6, MAFS-5.NF.5a, MAFS-5.NF.7c, MAFS-5.OA.1	Modeling Division of Whole Numbers

Whole Number Exponents and Order of Operations - Level 5

Unit	Objective Code	Florida State Standards	Objective Title
	1026	MAFS-5.NBT.2	Exponents and Place Value

Fractions Concepts - Level 5

Unit	Objective Code	Florida State Standards	Objective Title
	2220	MAFS-5.MD.2	Line Plots to Display Fractional Data
	2061	MAFS-5.NF.1, MAFS-5.NF.5b, MAFS-5.NF.7	Introduction to Fractions
	2062	MAFS-5.NF.1	Finding Equivalent Fractions
	2063	MAFS-5.NF.1, MAFS-5.NF.4b	Comparing Fractions
	2064	MAFS-5.NF.1	Visualizing Fractions & Mixed Numbers
	2065	MAFS-5.NF.1	Mixed Numbers and Their Equivalent Fractions
	2116.2	MAFS-5.NF.3, MAFS-5.NF.7, MAFS-5.NF.7a, MAFS-5.NF.7b, MAFS-5.NF.7c	Interpret a Fraction as Division of the Numerator by the Denominator

Fractions Operations - Level 5

Unit	Objective Code	Florida State Standards	Objective Title
	2116.1	MAFS-5.NF.3, MAFS-5.NF.7, MAFS-5.NF.7a, MAFS-5.NF.7b, MAFS-5.NF.7c	Modeling Whole Numbers Divided by Unit Fractions
	2071	MAFS-5.NF.1, MAFS-5.NF.4, MAFS-5.NF.5b	Multiplying Fractions by Fractions
	2117	MAFS-5.NF.4a, MAFS-5.NF.4b, MAFS-5.NF.6	Multiplication, Using Area Models with Fractional Sides
	2221	MAFS-5.NF.4, MAFS-5.NF.4a, MAFS-5.NF.5b	Multiplying a Fraction by a Whole Number Using Area Models
	2081	MAFS-5.NF.1	Adding and Subtracting Fractions with Like Denominators

Unit	Objective Code	Florida State Standards	Objective Title
	2082	MAFS-5.NF.1	Adding and Subtracting Fractions with Unlike Denominators

Fractions Applications - Level 5

Unit	Objective Code	Florida State Standards	Objective Title
	2083	MAFS-5.NF.2	Modeling Addition and Subtraction of Fractions I
	2092	MAFS-5.MD.2, MAFS-5.NF.1, MAFS-5.NF.2	Modeling Addition and Subtraction of Fractions II

Decimals Operations - Level 5

Unit	Objective Code	Florida State Standards	Objective Title
	3102	MAFS-5.NBT.7	Adding and Subtracting Decimals
	3103	MAFS-5.NBT.2, MAFS-5.NBT.7	Multiplying Decimals
	3104	MAFS-5.NBT.7	Rounding Decimals
	3111	MAFS-5.NBT.7	Dividing Decimals by Decimals

Decimals Conversions and Applications - Level 5

Unit	Objective Code	Florida State Standards	Objective Title
	3105	MAFS-5.NBT.7	Modeling Addition, Subtraction, Multiplication, and Division of Decimals
	3112	MAFS-5.NBT.7	Modeling Division of Decimals

Metric and Customary Systems of Measurement - Level 5

Unit	Objective Code	Florida State Standards	Objective Title
	4170	MAFS-5.MD.2	Measurement Line Plots
	4171	MAFS-5.MD.1	Length, Capacity and Weight
	4172	MAFS-5.MD.1	Converting Measurement Units
	4184	MAFS-5.MD.1	Converting Metric Measurements
	4173	MAFS-5.MD.1	Adding and Subtracting Customary Units
	4181	MAFS-5.MD.1	Converting Unit Fractions with Standard Measurements
	4182	MAFS-5.MD.1	Converting the Standard Measurements of Length
	4183	MAFS-5.MD.1	Converting the Standard Measurements of Capacity and Mass

Unit	Objective Code	Florida State Standards	Objective Title
Geometry Concepts - Level 5			
	5316.1	MAFS-5.G.3, MAFS-5.G.4	Identifying Geometric Shapes and their Attributes I
	5201	MAFS-5.NF.4b	Geometry Terms: Angles and Lines
	5202	MAFS-5.NF.4b	Angles and Triangles
	5221	MAFS-5.G.3, MAFS-5.G.4, MAFS-5.NF.4b	Parallelograms
	5222	MAFS-5.G.3	Trapezoids
Statistics - Level 5			
	6261	MAFS-5.MD.2	Reading and Interpreting Pictographs, Bar Graphs and Line Graphs
Graphing - Level 5			
	6288	MAFS-5.G.1, MAFS-5.G.2	Plotting Ratio Tables on the Coordinate Plane
	8341	MAFS-5.G.1, MAFS-5.G.2	Graphing on the Coordinate Plane
Relations and Functions - Level 5			
	6280	MAFS-5.OA.3	Patterns and Relationships
	6284	MAFS-5.OA.3	Patterns and Numerical Sequences
Whole Number Multiplication and Division - Level 6			
	1061	MAFS-6.EE.2b, MAFS-6.EE.3	Order of Operations: Parentheses, Brackets, and Braces
Whole Number Exponents and Order of Operations - Level 6			
	1026	MAFS-6.EE.3	Exponents and Place Value
	1027	MAFS-6.EE.3	Multiplying and Dividing Exponents
	1024	MAFS-6.EE.1	Introduction to Exponents

Unit	Objective Code	Florida State Standards	Objective Title
	1034	MAFS-6.EE.1	Order of Operations with Division and Exponents

Whole Number Factors and Multiples - Level 6

Unit	Objective Code	Florida State Standards	Objective Title
	1051	MAFS-6.NS.4	Whole Numbers as Products of Prime Numbers
	1052	MAFS-6.NS.4	Greatest Common Factor
	1053	MAFS-6.NS.4	Least Common Multiple

Fractions Concepts - Level 6

Unit	Objective Code	Florida State Standards	Objective Title
	2061	MAFS-6.NS.1	Introduction to Fractions
	2062	MAFS-6.NS.1	Finding Equivalent Fractions
	2063	MAFS-6.NS.1, MAFS-6.NS.6, MAFS-6.NS.7b	Comparing Fractions
	2064	MAFS-6.NS.1	Visualizing Fractions & Mixed Numbers
	2065	MAFS-6.NS.1	Mixed Numbers and Their Equivalent Fractions

Fractions Operations - Level 6

Unit	Objective Code	Florida State Standards	Objective Title
	2071	MAFS-6.NS.1	Multiplying Fractions by Fractions
	2118	MAFS-6.NS.1	Visualizing Quotients of Fractions
	2072	MAFS-6.NS.1	Dividing Fractions by Fractions
	2073	MAFS-6.NS.1	Multiplying and Dividing Mixed Numbers

Fractions Applications - Level 6

Unit	Objective Code	Florida State Standards	Objective Title
	2074	MAFS-6.NS.1	Modeling Multiplication and Division of Fractions
	2075	MAFS-6.NS.1	Modeling Multiplication of Fractions in Story Context
	2076	MAFS-6.NS.1	Modeling Division of Fractions in Story Context
	2091	MAFS-6.NS.1	Modeling Perimeter and Area Using Whole Numbers and Fractions

Unit	Objective Code	Florida State Standards	Objective Title
	2093	MAFS-6.NS.1	Modeling Addition, Subtraction, Multiplication, and Division of Fraction

Decimals Operations - Level 6

Unit	Objective Code	Florida State Standards	Objective Title
	3102	MAFS-6.NS.3	Adding and Subtracting Decimals
	3103	MAFS-6.NS.3	Multiplying Decimals
	3111	MAFS-6.NS.3	Dividing Decimals by Decimals

Decimals Conversions and Applications - Level 6

Unit	Objective Code	Florida State Standards	Objective Title
	3114	MAFS-6.NS.7b	Comparing Decimals and Fractions
	3105	MAFS-6.NS.3	Modeling Addition, Subtraction, Multiplication, and Division of Decimals
	3112	MAFS-6.NS.3	Modeling Division of Decimals

Ratio and Proportion - Level 6

Unit	Objective Code	Florida State Standards	Objective Title
	3121	MAFS-6.RP.1, MAFS-6.RP.2, MAFS-6.RP.3, MAFS-6.RP.3d	Ratios Using Fraction Notation
	3122	MAFS-6.RP.2, MAFS-6.RP.3, MAFS-6.RP.3a, MAFS-6.RP.3b, MAFS-6.RP.3d	Rates and Units Using Fraction Notation

Percents - Level 6

Unit	Objective Code	Florida State Standards	Objective Title
	4141	MAFS-6.RP.3c	Converting Fractions into Percents

Metric and Customary Systems of Measurement - Level 6

Unit	Objective Code	Florida State Standards	Objective Title
	4171	MAFS-6.RP.3a, MAFS-6.RP.3d	Length, Capacity and Weight
	4172	MAFS-6.NS.1, MAFS-6.RP.3d	Converting Measurement Units
	4173	MAFS-6.RP.3d	Adding and Subtracting Customary Units
	4181	MAFS-6.NS.1, MAFS-6.RP.3a, MAFS-6.RP.3d	Converting Unit Fractions with Standard Measurements

Unit	Objective Code	Florida State Standards	Objective Title
	4182	MAFS-6.RP.3a, MAFS-6.RP.3d	Converting the Standard Measurements of Length
	4183	MAFS-6.RP.3a, MAFS-6.RP.3d	Converting the Standard Measurements of Capacity and Mass
	4191	MAFS-6.RP.3d	Converting Units of Capacity
	4192	MAFS-6.RP.3d	Converting Units of Length
	4193	MAFS-6.RP.3d	Converting Units of Mass

Geometry Concepts - Level 6

Unit	Objective Code	Florida State Standards	Objective Title
	5326	MAFS-6.G.3	Polygons in the Coordinate Plane

Geometry Formulas - Level 6

Unit	Objective Code	Florida State Standards	Objective Title
	5317	MAFS-6.G.1	Finding Area of Composed and Decomposed Shapes
	5327	MAFS-6.G.4	Nets and Surface Area in Real World Situations
	5321	MAFS-6.G.2	Determining Volume Using Unit Cubes

Statistics - Level 6

Unit	Objective Code	Florida State Standards	Objective Title
	6286	MAFS-6.SP.1, MAFS-6.SP.3, MAFS-6.SP.5a, MAFS-6.SP.5b, MAFS-6.SP.5d	Introduction to Reasoning in Statistics
	6261	MAFS-6.SP.1, MAFS-6.SP.2, MAFS-6.SP.3, MAFS-6.SP.4, MAFS-6.SP.5a, MAFS-6.SP.5b	Reading and Interpreting Pictographs, Bar Graphs and Line Graphs
	6263	MAFS-6.SP.4, MAFS-6.SP.5a, MAFS-6.SP.5b	Reading and Interpreting Histograms
	6271	MAFS-6.SP.5c, MAFS-6.SP.5d	Mean, Median, Mode and Range
	6272	MAFS-6.SP.4	Stem-and-Leaf Plots and Box-and-Whisker Plots

Integers and Real Numbers Concepts - Level 6

Alignment Match
Scaffold: Supporting Objective

Unit	Objective Code	Florida State Standards	Objective Title
	7290	MAFS-6.NS.5, MAFS-6.NS.6, MAFS-6.NS.6a, MAFS-6.NS.6b, MAFS-6.NS.7, MAFS-6.NS.7a, MAFS-6.NS.7b, MAFS-6.NS.7c, MAFS-6.NS.7d	Comparing Numbers in the Real World on a Number Line

Algebra Problem Solving - Level 6

Unit	Objective Code	Florida State Standards	Objective Title
	7332	MAFS-6.EE.7	Translate and Write Linear Equations in One Variable
	7333	MAFS-6.EE.2a, MAFS-6.EE.6, MAFS-6.EE.7	Writing and Solving Linear Equations

Graphing - Level 6

Unit	Objective Code	Florida State Standards	Objective Title
	6289.1	MAFS-6.NS.6b, MAFS-6.NS.6c, MAFS-6.RP.3, MAFS-6.RP.3a	Introduction to Plotting on the Coordinate Plane
	6289.2	MAFS-6.NS.6b, MAFS-6.NS.6c, MAFS-6.RP.3, MAFS-6.RP.3a, MAFS-6.RP.3b	Creating Tables of Ratios and Plotting on the Coordinate Plane
	8341	MAFS-6.NS.6, MAFS-6.NS.6b, MAFS-6.NS.6c, MAFS-6.NS.8, MAFS-6.RP.3a	Graphing on the Coordinate Plane

Inequalities - Level 6

Unit	Objective Code	Florida State Standards	Objective Title
	8370	MAFS-6.EE.8	Inequalities in the Real World

Whole Number Addition and Subtraction - Level 7

Unit	Objective Code	Florida State Standards	Objective Title
	1006	MAFS-7.NS.1, MAFS-7.NS.1a	Addition and Subtraction on a Horizontal Number Line Diagram

Whole Number Multiplication and Division - Level 7

Unit	Objective Code	Florida State Standards	Objective Title
	1008	MAFS-7.NS.2, MAFS-7.NS.2a	Multiplication and Division of Rational Numbers

Unit	Objective Code	Florida State Standards	Objective Title
Fractions Operations - Level 7			
	2071	MAFS-7.NS.2	Multiplying Fractions by Fractions
	2072	MAFS-7.NS.2	Dividing Fractions by Fractions
	2073	MAFS-7.NS.2	Multiplying and Dividing Mixed Numbers
	2081	MAFS-7.NS.1	Adding and Subtracting Fractions with Like Denominators
	2082	MAFS-7.NS.1	Adding and Subtracting Fractions with Unlike Denominators

Unit	Objective Code	Florida State Standards	Objective Title
Fractions Applications - Level 7			
	2074	MAFS-7.NS.2	Modeling Multiplication and Division of Fractions
	1045	MAFS-7.EE.3, MAFS-7.RP.3	Real Life Estimation
	2083	MAFS-7.EE.3, MAFS-7.NS.1	Modeling Addition and Subtraction of Fractions I
	2091	MAFS-7.EE.3, MAFS-7.NS.1, MAFS-7.NS.2	Modeling Perimeter and Area Using Whole Numbers and Fractions
	2092	MAFS-7.EE.3, MAFS-7.NS.1	Modeling Addition and Subtraction of Fractions II
	2093	MAFS-7.EE.3, MAFS-7.NS.1, MAFS-7.NS.2	Modeling Addition, Subtraction, Multiplication, and Division of Fraction

Unit	Objective Code	Florida State Standards	Objective Title
Decimals Operations - Level 7			
	3101	MAFS-7.NS.2d	Converting Decimals to Fractions
	3103	MAFS-7.NS.2d	Multiplying Decimals
	3104	MAFS-7.NS.2d	Rounding Decimals
	3111	MAFS-7.NS.2d	Dividing Decimals by Decimals

Unit	Objective Code	Florida State Standards	Objective Title
Decimals Conversions and Applications - Level 7			
	3113	MAFS-7.NS.2d	Converting Fractions to Decimals and Decimals to Fractions
	3114	MAFS-7.NS.2d	Comparing Decimals and Fractions
	3112	MAFS-7.EE.3, MAFS-7.NS.2d	Modeling Division of Decimals
	5001	MAFS-7.NS.3	Real World Situations

Unit	Objective Code	Florida State Standards	Objective Title
Ratio and Proportion - Level 7			
	3121	MAFS-7.RP.2c	Ratios Using Fraction Notation
	3122	MAFS-7.RP.1	Rates and Units Using Fraction Notation
	3123	MAFS-7.RP.2, MAFS-7.RP.2a, MAFS-7.RP.2b, MAFS-7.RP.2c	Proportional Relationships
	3124	MAFS-7.RP.3	Finding an Unknown in a Proportional Relationship
	3131	MAFS-7.RP.3	Modeling Proportional Relationships I
Percents - Level 7			
	4141	MAFS-7.RP.3	Converting Fractions into Percents
	4142	MAFS-7.RP.3	Decimal and Percent Conversions
	4143	MAFS-7.RP.3	Converting Percents to Equivalent Fractions and Mixed Numbers
	4144	MAFS-7.RP.3	Converting Fractions and Mixed Numbers to Percents
	4161	MAFS-7.RP.3	Understanding the Relationship Between Percents to Fractions
	4162	MAFS-7.RP.3	Calculating Percents of a Whole Number
	4163	MAFS-7.RP.3	Calculating Percentages of a Number in Multiple Ways
Percent Applications - Level 7			
	4145	MAFS-7.RP.3	Solving Percent Equations
	4151	MAFS-7.EE.3, MAFS-7.RP.3	Modeling Percent using Equations
	4152	MAFS-7.RP.3	Modeling Percent of Increase and Decrease
	4164	MAFS-7.RP.3	Modeling Common Percents Using Estimation
	4165	MAFS-7.EE.3, MAFS-7.RP.3	Modeling Percent Discounts
	4166	MAFS-7.EE.3, MAFS-7.RP.3	Modeling Percent

Unit	Objective Code	Florida State Standards	Objective Title
Geometry Concepts - Level 7			
	5240	MAFS-7.G.1	Scale Drawings of Geometric Figures
	5250	MAFS-7.G.3	2-D figures that Result from Slicing 3-D Figures
	5211	MAFS-7.G.5	Complementary and Supplementary Angles
	5221	MAFS-7.G.3, MAFS-7.G.6	Parallelograms
	5222	MAFS-7.G.3, MAFS-7.G.6	Trapezoids
	5223	MAFS-7.G.6	Solids
Geometry Formulas - Level 7			
	5251	MAFS-7.G.4	Perimeter and Circumference
	5252	MAFS-7.G.4, MAFS-7.G.6	Area
	5253	MAFS-7.G.6	Volume
Statistics - Level 7			
	6262	MAFS-7.SP.3	Reading and Interpreting Circle Graphs/Pie Charts
	6263	MAFS-6.SP.4	Reading and Interpreting Histograms
	6271	MAFS-7.SP.3, MAFS-7.SP.4	Mean, Median, Mode and Range
	6272	MAFS-7.SP.3	Stem-and-Leaf Plots and Box-and-Whisker Plots
	6273	MAFS-7.SP.2	Interpreting Scatterplots
Probability - Level 7			
	6281	MAFS-7.SP.5, MAFS-7.SP.6, MAFS-7.SP.7, MAFS-7.SP.7a, MAFS-7.SP.7b, MAFS-7.SP.8, MAFS-7.SP.8a, MAFS-7.SP.8b, MAFS-7.SP.8c	Tree Diagrams
	6283	MAFS-7.SP.5, MAFS-7.SP.6, MAFS-7.SP.7, MAFS-7.SP.7a, MAFS-7.SP.7b, MAFS-7.SP.8, MAFS-7.SP.8a, MAFS-7.SP.8b, MAFS-7.SP.8c	Probability of an Event

Unit	Objective Code	Florida State Standards	Objective Title
Integers and Real Numbers Concepts - Level 7			
	A01_04_01	MAFS-7.NS.1	Comparing Real Numbers
	A01_04_02	MAFS-7.NS.1	Compare And Order Real Numbers
	A02_01_01	MAFS-7.NS.1b, MAFS-7.NS.2b, MAFS-7.NS.2c	Real Numbers On A Number Line
	A02_02_01	MAFS-7.NS.1a, MAFS-7.NS.1b, MAFS-7.NS.1c	Absolute Value
Integers and Real Numbers Operations - Level 7			
	A02_02_02	MAFS-7.EE.3, MAFS-7.NS.1b, MAFS-7.NS.3	Adding Real Numbers
	A02_03_01	MAFS-7.NS.1c	Opposite Of A Real Number
	A02_03_02	MAFS-7.NS.1c	Subtracting Real Numbers
	A02_04_01	MAFS-7.EE.3, MAFS-7.NS.2, MAFS-7.NS.2a, MAFS-7.NS.2b, MAFS-7.NS.2c, MAFS-7.NS.3	Multiplying Real Numbers
	A02_05_01	MAFS-7.EE.3, MAFS-7.NS.2, MAFS-7.NS.2a, MAFS-7.NS.2b, MAFS-7.NS.2c, MAFS-7.NS.3	Dividing Real Numbers
	7301	MAFS-7.EE.3, MAFS-7.NS.2, MAFS-7.NS.2b, MAFS-7.NS.2c, MAFS-7.NS.3	Order of Operations with Signed Numbers
	7302	MAFS-7.EE.3, MAFS-7.NS.2, MAFS-7.NS.2b, MAFS-7.NS.2c, MAFS-7.NS.3	Order of Operations with Signed Numbers and Exponents
	7303	MAFS-7.EE.3, MAFS-7.NS.2, MAFS-7.NS.2b, MAFS-7.NS.2c, MAFS-7.NS.3	Order of Operations with Signed Numbers and Fractions
Variables - Level 7			
	A01_01_01	MAFS-7.EE.2, MAFS-7.EE.4a	Word Phrases As Algebraic Expressions

Alignment Match
Scaffold: Supporting Objective

Unit	Objective Code	Florida State Standards	Objective Title
Algebra Problem Solving - Level 7			
	7332	MAFS-7.EE.2, MAFS-7.EE.4, MAFS-7.EE.4a	Translate and Write Linear Equations in One Variable
	7333	MAFS-7.EE.4, MAFS-7.EE.4a	Writing and Solving Linear Equations
Whole Number Multiplication and Division - Level 8			
	H100	MAFS-8.EE.7b	Simplifying Expressions with the Distributive Property
Whole Number Exponents and Order of Operations - Level 8			
	1024	MAFS-8.EE.1, MAFS-8.EE.2	Introduction to Exponents
	1034	MAFS-8.EE.7b	Order of Operations with Division and Exponents
	A01_02_01	MAFS-8.EE.7b	Order Of Operations
Ratio and Proportion - Level 8			
	H500	MAFS-8.EE.5	Applications: Proportions
	H108	MAFS-8.EE.5	Sequences: Use proportions to find missing values
Percent Applications - Level 8			
	A05_04_01	MAFS-8.EE.8c	Problems Involving Percent
Geometry Concepts - Level 8			
	5203	MAFS-8.G.6	Right Triangles and the Pythagorean Theorem
	5204	MAFS-8.G.6	Special Types of Triangles
	5211	MAFS-8.G.1b, MAFS-8.G.5	Complementary and Supplementary Angles
	5212	MAFS-8.G.5	Parallel Lines, Transversals, and Their Angles
	H302	MAFS-8.G.1b, MAFS-8.G.5	Triangle Sum Theory
	5223	MAFS-8.G.9	Solids
	5231	MAFS-8.G.1, MAFS-8.G.2	Transformations
	5232	MAFS-8.G.5	Symmetry

Alignment Match			
Scaffold: Supporting Objective			

Unit	Objective Code	Florida State Standards	Objective Title
Geometry Formulas - Level 8			
	5241	MAFS-8.G.6, MAFS-8.G.7	The Pythagorean Theorem
	5242	MAFS-8.G.2	Congruent Figures & Theorems
	5243	MAFS-8.G.4	Similar Triangles and Applications
	5253	MAFS-8.G.9	Volume
	5254	MAFS-8.EE.5	Modeling Effects of Proportional Relationships
	H308	MAFS-8.G.6, MAFS-8.G.7, MAFS-8.G.8	Applications: Pythagorean Theorem
	H310	MAFS-8.G.5, MAFS-8.G.9	Applications: Circumference
Statistics - Level 8			
	6273	MAFS-8.SP.1	Interpreting Scatterplots
	H401	MAFS-8.SP.4	Reading Circle Graphs
	H405	MAFS-8.SP.4	Reading a Chart
Probability - Level 8			
	6283	MAFS-8.SP.4	Probability of an Event
Integers and Real Numbers Concepts - Level 8			
	A01_04_01	MAFS-8.NS.1	Comparing Real Numbers
	A01_04_02	MAFS-8.EE.1, MAFS-8.NS.1	Compare And Order Real Numbers
	A02_01_01	MAFS-8.NS.2	Real Numbers On A Number Line
	A02_02_01	MAFS-8.NS.2	Absolute Value
Integers and Real Numbers Operations - Level 8			
	A02_02_02	MAFS-8.NS.1	Adding Real Numbers
	A02_03_01	MAFS-8.NS.2	Opposite Of A Real Number
	A02_04_01	MAFS-8.NS.1	Multiplying Real Numbers
	A02_05_01	MAFS-8.EE.3, MAFS-8.NS.1	Dividing Real Numbers
	A02_06_01	MAFS-8.EE.7b	Properties Of Real Numbers
	7302	MAFS-8.EE.7b	Order of Operations with Signed Numbers and Exponents

Unit	Objective Code	Florida State Standards	Objective Title
	7303	MAFS-8.NS.1	Order of Operations with Signed Numbers and Fractions

Variables - Level 8

Unit	Objective Code	Florida State Standards	Objective Title
	A01_01_01	MAFS-8.F.4	Word Phrases As Algebraic Expressions

Solving Linear Equations - Level 8

Unit	Objective Code	Florida State Standards	Objective Title
	A03_02_01	MAFS-8.EE.7	Like Terms
	A03_03_01	MAFS-8.EE.7b	Simplify Algebraic Expressions
	A04_01_01	MAFS-8.EE.7, MAFS-8.EE.7a, MAFS-8.EE.7b	Solution Set
	A04_02_01	MAFS-8.EE.7, MAFS-8.EE.7a, MAFS-8.EE.7b	Addition And Subtraction Properties
	A04_03_01	MAFS-8.EE.7, MAFS-8.EE.7a, MAFS-8.EE.7b	Multiplication And Division Properties
	A04_04_01	MAFS-8.EE.7, MAFS-8.EE.7a, MAFS-8.EE.7b	More Than One Property
	A04_05_01	MAFS-8.EE.7, MAFS-8.EE.7a, MAFS-8.EE.7b	Variables On Both Sides Of The Equal Sign

Algebra Problem Solving - Level 8

Unit	Objective Code	Florida State Standards	Objective Title
	A04_07_01	MAFS-8.EE.7, MAFS-8.EE.7a, MAFS-8.EE.7b	Literal Equations
	7332	MAFS-8.SP.3	Translate and Write Linear Equations in One Variable
	7333	MAFS-8.SP.3	Writing and Solving Linear Equations
	A05_01_01	MAFS-8.SP.3	Solve Word Problems
	A05_02_01	MAFS-8.SP.3	Write Equations
	A05_03_01	MAFS-8.G.5, MAFS-8.G.9	Geometric Formulas
	H503	MAFS-8.SP.3	Applications: Distance

Graphing - Level 8

Unit	Objective Code	Florida State Standards	Objective Title
	5325	MAFS-6.G.3	Shapes in the Coordinate Plane
	8342	MAFS-8.EE.6	Distance Between Points on a Coordinate System

Unit	Objective Code	Florida State Standards	Objective Title
	8343	MAFS-8.EE.6, MAFS-8.F.3, MAFS-8.G.8	Distance and Midpoint Formula

Graphing Linear Equations - Level 8

Unit	Objective Code	Florida State Standards	Objective Title
	8351	MAFS-8.EE.6, MAFS-8.F.2, MAFS-8.F.4	Graphing Linear Equations in Two Variables
	8352	MAFS-8.EE.6, MAFS-8.F.4, MAFS-8.SP.3	Intercepts
	8353	MAFS-8.EE.6, MAFS-8.F.2, MAFS-8.F.4	Graphing Special linear Equations
	8361	MAFS-8.EE.6, MAFS-8.F.2, MAFS-8.F.4, MAFS-8.SP.3	Interpret the Slope of a Line
	8362	MAFS-8.EE.6, MAFS-8.F.3	Slope-Intercept Form of a Line
	8363	MAFS-8.EE.5	Parallel and Perpendicular Lines
	8364	MAFS-8.EE.6	Point-Slope Form of a Line
	8371	MAFS-8.EE.6	Writing a Linear Equation from Ordered Pairs
	H200	MAFS-8.EE.6, MAFS-8.F.1, MAFS-8.F.2	Testing Strategy: Match a Graph to a Table of Values
	H201	MAFS-8.EE.6	Testing Strategy: Find the Equation of a Line Given its Graph
	H202	MAFS-8.EE.6	Find the Equation of a Line Given Two Points

Relations and Functions - Level 8

Unit	Objective Code	Florida State Standards	Objective Title
	8381	MAFS-8.F.1	Relations and Functions of Ordered Pairs
	8382	MAFS-8.F.1	Using the Vertical Line Test
	8383	MAFS-8.F.1, MAFS-8.F.2	Function Notation
	8384	MAFS-8.F.3	Graphs of Functions
	8385	MAFS-8.F.2	Domain & Range of Functions

Laws of Exponents - Level 8

Unit	Objective Code	Florida State Standards	Objective Title
	A01_05_01	MAFS-8.EE.1	Exponential Expressions
	A07_01_01	MAFS-8.EE.1	Define An Exponent
	A07_01_02	MAFS-8.EE.1	Product Rule For Exponents
	A07_01_03	MAFS-8.EE.1	Identify And Multiply Monomials

Alignment Match	
Scaffold: Supporting Objective	

Unit	Objective Code	Florida State Standards	Objective Title
	A07_02_01	MAFS-8.EE.1	Raise A Monomial To A Power
	A07_03_01	MAFS-8.EE.1	Divide Monomials
	A07_04_01	MAFS-8.EE.1	Simplify Exponential Expressions
	A07_05_01	MAFS-8.EE.3, MAFS-8.EE.4	Scientific Notation
	A07_05_02	MAFS-8.EE.4	Convert Numbers from Scientific Notation to Standard Form

Solving Systems of Linear Equations - Level 8

Unit	Objective Code	Florida State Standards	Objective Title
	A13_01_01	MAFS-8.EE.8, MAFS-8.EE.8a, MAFS-8.EE.8b, MAFS-8.EE.8c	Solve A System Of Linear Equations By Graphing
	A13_02_01	MAFS-8.EE.8, MAFS-8.EE.8a, MAFS-8.EE.8b, MAFS-8.EE.8c	Substitution To Solve A System Of Linear Equations
	A13_03_01	MAFS-8.EE.8, MAFS-8.EE.8a, MAFS-8.EE.8b, MAFS-8.EE.8c	The Addition Method To Solve A System Of Linear Equations
	A13_04_01	MAFS-8.EE.8, MAFS-8.EE.8a, MAFS-8.EE.8b, MAFS-8.EE.8c	Multiplication With The Addition Method
	H203	MAFS-8.EE.8, MAFS-8.EE.8a, MAFS-8.EE.8b, MAFS-8.EE.8c	Testing strategy: Solving Systems of Equations Graphically
	H204	MAFS-8.EE.8, MAFS-8.EE.8a, MAFS-8.EE.8b, MAFS-8.EE.8c	Testing Strategy: Solving Systems of Equations Given Tables of Values

Roots - Level 8

Unit	Objective Code	Florida State Standards	Objective Title
	8404	MAFS-8.EE.2, MAFS-8.NS.2	Square Roots and Radical Notation
	8405	MAFS-8.EE.2, MAFS-8.NS.2	Higher Order Roots and Radical Notation
	A14_01_01	MAFS-8.EE.2, MAFS-8.NS.2	Square Roots Of Perfect Squares
	A14_01_02	MAFS-8.NS.1, MAFS-8.NS.2	Rational And Irrational Numbers

Whole Number Multiplication and Division - Level 9-12

Unit	Objective Code	Florida State Standards	Objective Title
	H505	A.REI.1, F.BF.2, N.Q.3	Testing Strategy: Using Estimation in an Application Problem

Unit	Objective Code	Florida State Standards	Objective Title
Whole Number Exponents and Order of Operations - Level 9-12			
	1024	N.RN.1, N.RN.2	Introduction to Exponents
Ratio and Proportion - Level 9-12			
	3123	F.BF.2, F.IF.3	Proportional Relationships
	H108	F.BF.2, F.IF.3	Sequences: Use proportions to find missing values
Geometry Concepts - Level 9-12			
	5201	G.CO.1	Geometry Terms: Angles and Lines
	5211	G.CO.1	Complementary and Supplementary Angles
	5212	G.CO.9	Parallel Lines, Transversals, and Their Angles
Geometry Formulas - Level 9-12			
	5241	A.CED.4, G.SRT.8	The Pythagorean Theorem
	5242	G.CO.1, G.CO.7, G.CO.8, G.CO.9, G.SRT.5	Congruent Figures & Theorems
	5243	G.SRT.2, G.SRT.3, G.SRT.5	Similar Triangles and Applications
	H308	A.CED.4, G.MG.3, G.SRT.4	Applications: Pythagorean Theorem
	H310	A.CED.4, G.C.1, G.GMD.1, G.MG.3	Applications: Circumference
Statistics - Level 9-12			
	6273	S.ID.1, S.ID.6, S.ID.6b	Interpreting Scatterplots
	H401	S.CP.4, S.IC.1, S.ID.2	Reading Circle Graphs
	H405	S.CP.4, S.IC.1, S.IC.3	Reading a Chart
Integers and Real Numbers Concepts - Level 9-12			
	A01_03_01	N.RN.1	Common Sets Of Real Numbers And Number Line

Unit	Objective Code	Florida State Standards	Objective Title
	A01_04_01	N.RN.3	Comparing Real Numbers
	A01_04_02	N.RN.3	Compare And Order Real Numbers
	A02_01_01	N.RN.1	Real Numbers On A Number Line
	A02_02_01	N.RN.1	Absolute Value

Integers and Real Numbers Operations - Level 9-12

Unit	Objective Code	Florida State Standards	Objective Title
	A02_03_02	N.RN.1	Subtracting Real Numbers
	A02_04_01	N.RN.1	Multiplying Real Numbers
	A02_05_01	N.RN.1	Dividing Real Numbers
	7301	N.RN.1	Order of Operations with Signed Numbers
	7302	N.RN.1	Order of Operations with Signed Numbers and Exponents
	7303	N.RN.1	Order of Operations with Signed Numbers and Fractions

Variables - Level 9-12

Unit	Objective Code	Florida State Standards	Objective Title
	A01_01_01	A.SSE.1, A.SSE.2	Word Phrases As Algebraic Expressions
	A01_02_02	A.SSE.2	Substitution To Order To Evaluate Expressions
	A01_01_03	F.BF.1	Write a function that describes a relationship between two quantities

Solving Linear Equations - Level 9-12

Unit	Objective Code	Florida State Standards	Objective Title
	A04_01_01	A.REI.3	Solution Set
	A04_02_01	A.REI.3	Addition And Subtraction Properties
	A04_03_01	A.REI.3	Multiplication And Division Properties
	A04_04_01	A.REI.3	More Than One Property
	A04_05_01	A.REI.3	Variables On Both Sides Of The Equal Sign
	A04_08_01	F.IF.7b	Solving Absolute Value Equations

Alignment Match
Scaffold: Supporting Objective

Unit	Objective Code	Florida State Standards	Objective Title
Algebra Problem Solving - Level 9-12			
	A04_07_01	A.CED.4	Literal Equations
	7332	A.CED.2, A.REI.1, A.SSE.1a, F.BF.1, F.LE.1, F.LE.5	Translate and Write Linear Equations in One Variable
	7333	A.REI.1, A.SSE.1a, F.BF.1, F.LE.1, F.LE.5	Writing and Solving Linear Equations
	A05_01_01	A.CED.2, A.REI.1, A.SSE.1a, F.BF.1, F.LE.5, N.Q.1, N.Q.2	Solve Word Problems
	A05_02_01	A.CED.2, A.REI.1, A.SSE.1a, F.BF.1, N.Q.1	Write Equations
	A05_03_01	A.CED.2, A.CED.4, A.REI.1, A.SSE.1a, F.BF.1, F.BF.1b, F.LE.1, F.LE.5, G.CO.10, G.CO.9, G.MG.3, G.SRT.5, N.Q.1	Geometric Formulas
	A05_05_01	A.SSE.1a, N.Q.1, N.Q.2	Problems Involving Mixtures
	A05_06_01	A.CED.4, N.Q.1, N.Q.2	Formula D = RT
	H502	F.IF.1, F.IF.2, F.LE.1b	Applications: Rate of Growth
	H503	A.CED.1, A.CED.2, A.REI.1, F.BF.1, F.BF.1b, F.LE.1, F.LE.5, N.Q.1, N.Q.2	Applications: Distance
Graphing - Level 9-12			
	8343	G.GPE.7	Distance and Midpoint Formula
Graphing Linear Equations - Level 9-12			
	8351	A.CED.2, A.REI.10, F.IF.4, F.IF.7a, F.IF.7d, F.LE.2	Graphing Linear Equations in Two Variables
	8352	A.CED.2, A.REI.10, A.REI.11, F.IF.4, F.IF.7a, F.IF.7d	Intercepts
	8353	A.CED.2, A.REI.10, F.IF.4, F.IF.7a, F.IF.7d, F.LE.2	Graphing Special linear Equations
	8361	A.CED.2, A.REI.10, F.IF.4, F.IF.6, F.IF.7a, F.LE.1a, F.LE.5	Interpret the Slope of a Line
	8362	A.CED.2, A.REI.10, F.IF.7a, F.IF.7d	Slope-Intercept Form of a Line

Alignment Match
Scaffold: Supporting Objective

Unit	Objective Code	Florida State Standards	Objective Title
	8371	A.REI.10, F.IF.4, F.LE.2	Writing a Linear Equation from Ordered Pairs
	H200	A.REI.10	Testing Strategy: Match a Graph to a Table of Values
	H201	F.BF.1, F.IF.4, F.IF.6	Testing Strategy: Find the Equation of a Line Given its Graph
	H202	F.BF.1, F.IF.4, F.IF.6	Find the Equation of a Line Given Two Points
	A11_02_02	F.IF.4	Key Features of Linear Graphs and Tables
	A11_02_03	F.IF.4	Key Features of Non-Linear Graphs and Tables
	A11_05_04	F.IF.5	Relate the domain of a function to its graph

Relations and Functions - Level 9-12

Unit	Objective Code	Florida State Standards	Objective Title
	6284	A.SSE.1b, A.SSE.4, F.BF.2, F.IF.3	Patterns and Numerical Sequences
	8381	F.BF.1, F.IF.1, F.IF.2, F.IF.5	Relations and Functions of Ordered Pairs
	8382	F.IF.1	Using the Vertical Line Test
	8383	A.SSE.1b, F.BF.1, F.IF.1, F.IF.2	Function Notation
	8384	A.REI.11, A.SSE.1b, F.BF.3, F.IF.1, F.IF.4, F.IF.5, F.IF.7, F.IF.9, F.LE.1c, F.LE.2, F.LE.3	Graphs of Functions
	8385	F.IF.1, F.IF.5	Domain & Range of Functions
	H107	F.IF.3	Sequences: Develop a formula to find missing values
	A12_02_04	F.IF.9	Compare properties of two linear functions

Inequalities - Level 9-12

Unit	Objective Code	Florida State Standards	Objective Title
	A06_01_01	A.CED.1, A.REI.3	Graph Inequalities On A Number Line
	A06_02_01	A.CED.1, A.CED.3, A.REI.3	Addition And Subtraction Properties For Inequalities

Alignment Match
Scaffold: Supporting Objective

Unit	Objective Code	Florida State Standards	Objective Title
	A06_03_01	A.CED.1, A.CED.3, A.REI.3	Multiplication And Division Properties For Inequalities
	A06_04_01	A.CED.1, A.CED.3, A.REI.3	Inequalities Using More Than One Property
	A06_05_01	A.CED.1, A.CED.3, A.REI.3	Combined Inequalities And Graph Their Solution Sets
	A06_06_01	A.CED.1, A.CED.3, A.REI.3	Inequalities Containing The Absolute Value Of A Variable Expression
	8372	A.REI.12, F.IF.4, F.IF.7a	Graphing Linear Inequalities

Laws of Exponents - Level 9-12

Unit	Objective Code	Florida State Standards	Objective Title
	A01_05_01	N.RN.1, N.RN.2	Exponential Expressions
	A07_01_01	N.RN.1, N.RN.2	Define An Exponent
	A07_01_02	A.SSE.3c, N.RN.1, N.RN.2	Product Rule For Exponents
	A07_01_03	A.SSE.2, A.SSE.3c, N.RN.1, N.RN.2	Identify And Multiply Monomials
	A07_02_01	A.SSE.2, A.SSE.3c, N.RN.1, N.RN.2	Raise A Monomial To A Power
	A07_03_01	A.SSE.2, A.SSE.3c, N.RN.1, N.RN.2	Divide Monomials
	A07_04_01	A.SSE.2, A.SSE.3c, N.RN.1, N.RN.2	Simplify Exponential Expressions
	A07_05_01	N.RN.1	Scientific Notation
	A07_05_02	N.RN.1	Convert Numbers from Scientific Notation to Standard Form
	A07_04_02	F.IF.7c	Graph and Explore Exponential Functions

Polynomial Operations - Level 9-12

Unit	Objective Code	Florida State Standards	Objective Title
	A08_01_01	A.APR.1	Degree Of A Polynomial
	A08_01_02	A.APR.1	Combining Like Terms
	A08_02_01	A.APR.1, A.APR.7, F.BF.1b, F.IF.8a	Add Polynomials
	A08_02_02	A.APR.1, A.APR.7, F.BF.1b	Subtract Polynomials
	A08_03_01	A.APR.1, A.APR.3, A.APR.4, A.APR.5, F.BF.1b, F.IF.8a	Multiplying Monomials and Polynomials
	A08_04_01	A.APR.1, A.APR.3, A.APR.4, A.APR.5, F.BF.1b, F.IF.8a	FOIL Order Of Multiplication

Unit	Objective Code	Florida State Standards	Objective Title
	A08_05_01	A.APR.1, A.APR.3, A.APR.4, A.APR.5, F.BF.1b, F.IF.8a	Square Binomials
	A08_05_02	A.APR.1, A.APR.3, A.APR.4, A.APR.5, F.BF.1b, F.IF.8a	Product Of The Sum And Difference Of The Same Two Terms
	A08_06_01	A.APR.1, A.APR.2, A.APR.3, A.APR.4, A.APR.5, F.BF.1b, F.IF.8a	Divide Polynomials

Polynomial Factoring - Level 9-12

Unit	Objective Code	Florida State Standards	Objective Title
	A09_02_01	A.APR.1, A.APR.2, A.APR.3, A.APR.4, A.APR.5, A.SSE.2, F.IF.8a	GCF Of A List Of Monomials
	A09_02_02	A.APR.1, A.APR.2, A.APR.3, A.APR.4, A.APR.5, A.SSE.2, F.IF.8a	The GCF From A Polynomial
	A09_03_01	A.APR.1, A.APR.2, A.APR.3, A.APR.4, A.APR.5, A.SSE.2, F.IF.8a	Common Binomials
	A09_03_02	A.APR.1, A.APR.2, A.APR.3, A.APR.4, A.APR.5, A.SSE.2, F.IF.8a	Factor Polynomials By Grouping The Terms
	A09_04_01	A.APR.1, A.APR.2, A.APR.3, A.APR.4, A.APR.5, A.SSE.2, F.IF.8a	Difference Of Two Squares
	A09_05_01	A.APR.1, A.APR.2, A.APR.3, A.APR.4, A.APR.5, A.SSE.2, F.IF.8a	Factor a Trinomial with a Leading Coefficient of 1
	A09_06_01	A.APR.1, A.APR.2, A.APR.3, A.APR.4, A.APR.5, A.SSE.2, F.IF.8a	Factor a Trinomial with a Leading Coefficient Other than 1
	A09_07_01	A.APR.1, A.APR.2, A.APR.3, A.APR.4, A.APR.5, A.SSE.2, F.IF.8a	Factor A Polynomial Completely
	A09_08_01	A.REI.4, A.REI.4a, A.REI.4b, A.SSE.2, A.SSE.3, A.SSE.3a, F.IF.8a, N.CN.7	Solve Equations By Factoring

Rational Expressions - Level 9-12

Unit	Objective Code	Florida State Standards	Objective Title
	A10_01_01	A.APR.6, A.APR.7, A.REI.2	Define Rational Expressions And Identify Values For Which One Is Undefined
	A10_01_02	A.APR.6, A.APR.7, A.REI.2	Write A Rational Expression In Lowest Terms
	A10_02_01	A.APR.6, A.APR.7, A.REI.2	Multiply Rational Expressions
	A10_03_01	A.APR.6, A.APR.7, A.REI.2	Divide Rational Expressions
	A10_04_01	A.APR.6, A.APR.7, A.REI.2	Least Common Denominator Of A List Of Rational Expressions
	A10_04_02	A.APR.6, A.APR.7, A.REI.2	Write A Rational Expression As An Equivalent Rational Expression
	A10_05_01	A.APR.6, A.APR.7, A.REI.2	Add And Subtract Rational Expressions With The Same Denominators
	A10_06_01	A.APR.6, A.APR.7, A.REI.2	Add And Subtract Rational Expressions With Different Denominators
	A10_07_01	A.APR.7, A.REI.2	Add, Subtract, Multiply, And Divide Rational Expressions
	A10_08_01	N.CN.7	Define And Simplify Complex Fractions
	A10_09_01	A.APR.6, A.APR.7, A.REI.2	Solve Equations Containing Rational Expressions

Solving Systems of Linear Equations - Level 9-12

Unit	Objective Code	Florida State Standards	Objective Title
	A13_01_01	A.REI.10, A.REI.11, A.REI.5, A.REI.6	Solve A System Of Linear Equations By Graphing
	A13_02_01	A.REI.5, A.REI.6	Substitution To Solve A System Of Linear Equations
	A13_03_01	A.REI.5, A.REI.6	The Addition Method To Solve A System Of Linear Equations
	A13_04_01	A.REI.5, A.REI.6	Multiplication With The Addition Method
	H203	A.REI.10, A.REI.5, A.REI.6	Testing strategy: Solving Systems of Equations Graphically
	H204	A.REI.5, A.REI.6	Testing Strategy: Solving Systems of Equations Given Tables of Values

Alignment Match
Scaffold: Supporting Objective

Unit	Objective Code	Florida State Standards	Objective Title
	H205	A.REI.5, A.REI.6	Applications: Systems of Equations

Roots - Level 9-12

Unit	Objective Code	Florida State Standards	Objective Title
	8404	N.RN.1, N.RN.2	Square Roots and Radical Notation
	8405	N.RN.1, N.RN.2	Higher Order Roots and Radical Notation
	A14_01_01	N.RN.1, N.RN.2	Square Roots Of Perfect Squares
	A14_01_02	N.RN.3	Rational And Irrational Numbers

Radical Expressions - Level 9-12

Unit	Objective Code	Florida State Standards	Objective Title
	A14_02_01	A.REI.2	The Product Rule And The Quotient Rule
	A14_03_01	A.REI.2	Simplify Square Roots
	A14_04_01	A.REI.2	Add And Subtract Like Radicals
	A14_04_02	A.REI.2, N.CN.7	Simplify Radical Expressions
	A14_05_01	A.REI.2, N.CN.7	Multiply And Simplify Radicals
	A15_01_01	A.REI.2, N.CN.7	Divide And Simplify Radicals
	A15_02_01	A.APR.7, A.REI.2, N.CN.7	Rationalize Denominators
	A15_03_01	N.CN.7	Equations Containing Square Roots Of Variable Expressions

Solving Quadratic Equations - Level 9-12

Unit	Objective Code	Florida State Standards	Objective Title
	A16_01_01	A.REI.4, A.REI.4b, A.SSE.2, A.SSE.3, A.SSE.3a, F.IF.8a, N.CN.7	The Factoring Method For Solving Equations
	A16_01_02	A.REI.4, A.REI.4b, A.SSE.2, A.SSE.3, A.SSE.3a, F.IF.8a, N.CN.7	The Square Root Property To Solve Equations
	A16_02_01	A.REI.4, A.REI.4a, A.REI.4b, A.SSE.2, A.SSE.3, A.SSE.3a, F.IF.8a, N.CN.7	Perfect Square Trinomials
	A16_02_02	A.REI.4, A.REI.4a, A.REI.4b, A.SSE.2, A.SSE.3, A.SSE.3a, A.SSE.3b, F.IF.8a, N.CN.7	Quadratic Equation By Completing The Square

Alignment Match	
Scaffold: Supporting Objective	

Unit	Objective Code	Florida State Standards	Objective Title
	A16_03_01	A.REI.4, A.REI.4a, A.REI.4b, A.SSE.2, A.SSE.3, A.SSE.3a, F.IF.8a, N.CN.7	Quadratic Equations Using The Quadratic Formula

Linear Equations - Level Algebra II

	A2.01.1	AII	Solving Linear Equations
	A2.02.1	AII	Modeling with Linear Equations

Inequalities - Level Algebra II

	A2.03.1	AII	Solving Linear Inequalities
	A2.05.1	AII	Compound Inequalities

Absolute Value - Level Algebra II

	A2.04.1	AII	Solving Absolute Equations
	A2.06.1	AII	Solving Absolute Value Inequalities (Less Than)
	A2.06.2	AII	Solving Absolute Value Inequalities (Greater Than)

Exponents - Level Algebra II

	A2.07.1	AII	Solving Exponential Expressions

Operations on Polynomials - Level Algebra II

	A2.08.1	AII	Addition and Subtraction of Polynomials
	A2.08.2	AII	Multiplication of Polynomials

Factoring Polynomials - Level Algebra II

	A2.09.1	AII	Factoring Polynomials Using Greatest Common Factor
	A2.09.2	AII	Factoring Polynomials by Grouping
	A2.09.3	AII	Factoring Trinomials
	A2.10.1	AII	Factoring Binomials
	A2.11.1	AII	General Factoring of Polynomials

Unit	Objective Code	Florida State Standards	Objective Title
	A2.12.1	AII	Solving Quadratic Equations by Factoring

Operations on Rational Expressions - Level Algebra II

Unit	Objective Code	Florida State Standards	Objective Title
	A2.13.1	AII	Simplifying Rational Expressions
	A2.14.1	AII	Addition and Subtraction of Rational Expressions (Common Denominators)
	A2.14.2	AII	Addition and Subtraction of Rational Expressions (Different Denominators)
	A2.16.1	AII	Division of Rational Expression
	A2.16.2	AII	Long Division of Rational Expressions

Complex Fractions - Level Algebra II

Unit	Objective Code	Florida State Standards	Objective Title
	A2.15.1	AII	Complex Fractions

Rational Expressions - Level Algebra II

Unit	Objective Code	Florida State Standards	Objective Title
	A2.17.1	AII	Equations Involving Rational Expressions
	A2.18.1	AII	Modeling with Rational Expressions

Rational Exponents - Level Algebra II

Unit	Objective Code	Florida State Standards	Objective Title
	A2.19.1	AII	Rational Exponents

Operations on Radical Expressions - Level Algebra II

Unit	Objective Code	Florida State Standards	Objective Title
	A2.20.1	AII	Simplifying Radicals
	A2.20.2	AII	Quotient Rule for Radicals
	A2.21.1	AII	Addition and Subtraction of Radical Expressions
	A2.22.1	AII	Multiplication of Radical Expressions
	A2.22.2	AII	Division of Radical Expressions

Unit	Objective Code	Florida State Standards	Objective Title

Radical Equations - Level Algebra II

	A2.23.1	AII	Radical Equations

Quadratic Equations - Level Algebra II

	A2.24.1	AII	Factoring Quadratic Equations
	A2.25.1	AII	Square Root Property
	A2.25.2	AII	Completing the Square
	A2.26.1	AII	Quadratic Formula

Functions and Relations - Level Algebra II

	A2.28.1	AII	Distance and Midpoints
	A2.28.2	AII	Finding Intercepts
	A2.29.1	AII	Slope and Equations of Straight Lines
	A2.30.1	AII	Domain and Range of a Relation
	A2.30.2	AII	Function, a Type of Relation

Equations of Lines - Level Algebra II

	A2.29.2	AII	Equations of Straight Lines
	A2.29.3	AII	Equations for Perpendicular Lines

Graphing Linear Inequalities - Level Algebra II

	A2.30.3	AII	Graphing Linear Inequalities in Two Variables
	A2.30.4	AII	Graphing the Intersection of Two Linear Inequalities

Systems of Equations - Level Algebra II

	A2.31.1	AII	Solving a System of Equations by Addition
	A2.31.2	AII	Solving a System of Equations by Substitution
	A2.31.3	AII	Solving a System of Equations by Elimination

Alignment Match
Scaffold: Supporting Objective

Unit	Objective Code	Florida State Standards	Objective Title

Introduction to Proofs and Geometry Terms - Level Geometry

	G011	Geo	Postulates and Basic Terms
	G012	Geo	Definitions of Basic Terms
	G021	Geo	Introduction to Proofs

Angles and Lines - Level Geometry

	5201	Geo	Geometry Terms: Angles and Lines
	5211	Geo	Complementary and Supplementary Angles
	5212	Geo	Parallel Lines, Transversals, and Their Angles
	G051	Geo	Parallel Lines

Triangles - Level Geometry

	5202	Geo	Angles and Triangles
	H302	Geo	Triangle Sum Theory
	G031	Geo	Triangles, part I
	G041	Geo	Triangles, part II

Quadrilaterals and Polygons (modeling) - Level Geometry

	5221	Geo	Parallelograms
	5222	Geo	Trapezoids
	G071	Geo	Quadrilaterals and Polygons (modeling), part I
	G072	Geo	Quadrilaterals and Polygons (modeling), part II

Congruent and Similar Figures - Level Geometry

	5242	Geo	Congruent Figures & Theorems
	5243	Geo	Similar Triangles and Applications
	G081	Geo	Similarity

Transformations - Level Geometry

	5231	Geo	Transformations

Unit	Objective Code	Florida State Standards	Objective Title
	5232	Geo	Symmetry

Pythagorean Theorem - Level Geometry

Unit	Objective Code	Florida State Standards	Objective Title
	5241	Geo	The Pythagorean Theorem
	H308	Geo	Applications: Pythagorean Theorem
	G091	Geo	Right Triangles

Circles - Level Geometry

Unit	Objective Code	Florida State Standards	Objective Title
	5251	Geo	Perimeter and Circumference
	H310	Geo	Applications: Circumference
	G101	Geo	Circles, Part I
	G111	Geo	Circles, Part II

Area and Perimeter - Level Geometry

Unit	Objective Code	Florida State Standards	Objective Title
	5252	Geo	Area
	G131	Geo	Area and Perimeter

2-D and 3-D - Level Geometry

Unit	Objective Code	Florida State Standards	Objective Title
	A05_03_01	Geo	Geometric Formulas

Volume, Surface Area and Modeling - Level Geometry

Unit	Objective Code	Florida State Standards	Objective Title
	5223	Geo	Solids
	5253	Geo	Volume
	5254	Geo	Modeling Effects of Proportional Relationships
	G151	Geo	Geometric Solids

Coordinate Geometry - Level Geometry

Unit	Objective Code	Florida State Standards	Objective Title
	G141	Geo	Coordinate Geometry, Part I
	G142	Geo	Coordinate Geometry, Part II
	G143	Geo	Coordinate Geometry, Part III