NGSSS Algebra 1 EOC
2017 Summer Study Plan

June 2017

			1	2
5	6	7	LAST DAY OF SCHOOL	9
12 **First** day to register for the NGSSS Algebra I EOC retake	13	Day 1 14 Information Session	Day 2 15 **Lesson 1** *Writing and Solving Linear Equations in One Variable*	Day 3 16 **Lesson 2** *Solving Linear Equations in One Variable as a Reasoning Process*
Day 4 19 **Lessons 3 AND 4** *Solving Equations with the Distributive Property AND with the Variable on Both Sides*	Day 5 20 **Lesson 5** *Writing and Graphing Linear Equations in Two or More Variables*	Day 6 21 **Lesson 6** *Slope-Intercept Form*	Day 7 22 **Lesson 7** *Equations of Parallel and Perpendicular Lines*	Day 8 23 **Lesson 8** *Point-Slope Form*
Day 9 26 **Lessons 9** *Solving Linear Inequalities in One Variable*	Day 10 27 **Lesson 10** *Solving Literal Equations*	Day 11 28 **Lesson 11** *Solving Systems of Linear Equations*	Day 12 29 **Lesson 12** *Concept of Inequalities II* **Last** day to register for the NGSSS Algebra I EOC retake	Day 13 30 **Lesson 13** *Function Notation II*

Information Session

Date: June 14, 2017

Time: 9:00 a.m. – 11:30 a.m.

Locations:

- G. Holmes Braddock S.H.S.
- Miami Coral Park S.H.S.
- Miami Beach S.H.S.

Imagine Math Lessons

- **Pre-Quiz**: pre-lesson assessment containing 7-8 math questions. *If you complete the pre-quiz with a score of 80% or higher, you will move on to the next lesson.*
- **Warm-up**: interactive math game covering concepts you already understand.
- **Guided Learning**: math questions combined with instruction in the form of Math Help and corrective feedback that guide you through completing the question. *If you need additional help, you can access state-certified, live Imagine Math teachers for further instruction on the math concept being taught in the problem.*
- **Practice**: math questions in the form of independent practice on the concepts taught in the previous activities. You will receive assistance in the form of corrective feedback.
- **Post-Quiz**: post-lesson assessment containing 7-8 math questions. Passing Score: 70%.

NGSSS Algebra 1 EOC Retake Registration Window - June 19 to June 29, 2017

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July 2017

Day 14 **3** **Lessons 14** *Understanding the Domain of a Function*	Day 15 **4** **Lesson 15** *Slope*	Day 16 **5** **Lesson 16** *Sketching Graphs of Linear Functions from Symbolic Representations*	Day 17 **6** **Lesson 17** *Making Predictions from Data*	Day 18 **7** **Lesson 18** *Simplifying Monomials*
Day 19 **10** **Lessons 19 and 20** *Adding and Subtracting Polynomials AND Multiplying Polynomials*	Day 20 **11** **Lesson 21** *Factoring Quadratic Equations*	Day 21 **12** **Lesson 22** *Using the Quadratic Formula*	Day 22 **13** **Lessons 23 and 24** Operations with Sets *AND* Venn Diagrams	Day 23 **14** **Lesson 25** NGSSS Algebra 1 EOC Practice Test *Answer Key*
17 NGSSS EOC – Algebra 1 Assessment Date	**18**	**19**	**20**	**21**
20	**21**	**22**	**23**	**24**
27	**28**			

Office Hours for Live Imagine Math Teachers

While working in Imagine Math, additional instructional support is provided by LIVE, certified, bilingual math teachers.

Summer hours are as follows.

Monday–Thursday

7:30am to 6:00pm

Friday

7:30am to 3:00pm

MDCPS Math Department Additional NGSSS Resources

Algebra 1 Summer Curriculum

- Functions
- Domain and Range of a Relation
- Solving Linear Equations
- Solving Literal Equations AND Solving Algebraic Proportions
- Simple and Compound Inequalities
- Writing/Solving Linear Equations
- Graph Linear Equations
- Determine slope, x, and y-intercepts.
- Writing Equations of Parallel Lines
- Writing Equations of Perpendicular Lines
- Solving Systems of Linear Equations
- Simplifying Monomial Expressions
- Simplifying Polynomial Expressions
- Dividing Polynomials by Monomials AND Factoring Polynomials by GCF
- Factoring Polynomials AND Dividing Polynomials by Monomials
- Solving Quadratic Equations
- Identifying Graph Given Quadratic AND Multiplying Radical Expressions
- Operations with Sets
- Venn Diagrams

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