

# McKinley Classical Leadership Academy

## CLASS SYLLABUS

2021-2022

**COURSE TITLE:** Algebra Concepts and Skills (8<sup>th</sup> Grade Math)

**TEACHER:** Mrs. Emily Scott

**Room:** 239

[Emily.Scott@slps.org](mailto:Emily.Scott@slps.org)



### Course Description:

Springboard Mathematics Course 3 (McKinley's 8<sup>th</sup> Grade Math) is a highly engaging, student-centered instructional program based on the Common Core State Standards for Mathematics. This program will provide the instructional content students need to be prepared for future mathematical courses.

This course (Springboard Mathematics, Course 3) will:

- Expect students to practice applying mathematical ways of thinking to real-world issues and challenges.
- Require students to develop a depth of understanding and ability to apply mathematics to novel situations- as college and employees regularly are called to do.
- Emphasize mathematics modeling and reasoning-using mathematics and statistics to analyze empirical situations, understand and make inferences about the situation, and improve decision making about how to solve problems and justify those solutions.

### Topics Covered:

Geometry

Numerical Relationships

Equations

Functions

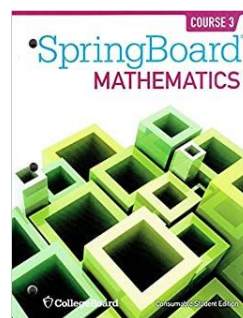
Probability and Statistics

### CLASS REQUIREMENTS:

**Textbook:** SpringBoard Mathematics, Course 3, 2014

### **Materials:**

- Notebooks
- Loose Leaf Paper
- Pencils - #2 or Mechanical
- Erasers - Caps or Hand-held
- Folder
- Ruler, Compass, Protractor (all suggested)
- Scientific Calculator (suggested)
- Colored Pencils/ Highlighters (suggested)



**PERFORMANCE EXPECTATIONS:****METHOD OF ASSESSMENTS:**

Assessments	45%
Classwork (Do Nows, Notes, Exit Slips)	45%
Homework (Independent Practice)	10%

**GRADING SCALE:**

90 – 100%	=	A	Advanced
80 – 89%	=	B	Proficient
70 – 79%	=	C	Basic
60 – 69%	=	D	Below Basic
0 – 59%	=	F	Far Below Basic

**Submitting Assignments:**

Students should complete their independent math work with a pencil on paper (loose leaf or notebook).

To reduce paper exchange, all assignments will be turned in on Teams.

Students may 1) take a picture of or 2) scan their work to upload to their Teams class. A typed version of the work is also acceptable, as long as all steps are shown and directions have been followed.

There will be two requests for uploads per class period:

1. At the conclusion of each synchronous class, students will upload to Teams a copy of their:
  - A. Do Now
  - B. Notes
  - C. Exit Slip (if not digital)
2. After we go over Independent Practice, students will upload to Teams a copy of their completed and corrected Independent Practice by midnight that evening.

Additional uploads may be required for projects and/or assessments.

**Please Note:**

Learning only occurs by trying through practice, and Algebra students are building skills on which higher levels of math will build. Copying math work from another person or a web site is plagiarism. An occurrence of plagiarism will result in a zero grade, a discipline referral, and the notification of parents.

Students are allowed the number of days absent to submit late work without penalty.

A penalty for 10% per class period beyond the due date will be incurred upon late assignments. Late assignments will not be accepted after the Unit Test.

**Classroom Norms/Expectations:****Before Class:**

Students will be punctual.

The student will be seated and ready to begin the Do Now when the tardy bell rings.

The student will come prepared to class with all necessary learning tools: school assigned technology device and charger, supplies, and completed assignments.

**During Class:**

The student will follow all school rules, policies, and classroom routines.

The student will actively engage in classroom learning activities.

The student will listen, ask and answer questions, and participate in class discussions.

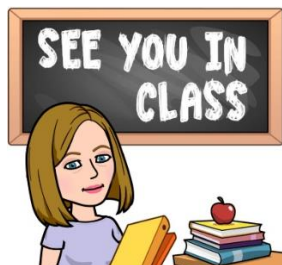
Students will raise hands to be allowed to leave their seat.

All class members will be treated with respect, patience, and kindness.

Students will be in attendance for the duration of the lesson.

The class will typically follow this agenda:

- A. Do Now
- B. Problem Discussion
- C. New Lesson Presentation/ Application
- D. Question Time
- E. Exit Slip
- F. Independent Practice or Project Work Time



**Parents, please sign below and return it to Mrs. Scott.**

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We received and read the syllabus information for Mrs. Scott's class:

**Algebra Concepts and Skills (8<sup>th</sup> Grade Math).** Period # \_\_\_\_\_

Student Name \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_

Parent(s) Name \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_

Parent(s) Email Address \_\_\_\_\_

Parent(s) Phone Number \_\_\_\_\_