

Mrs. Lisa Burke

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**School Phone:** (919) 694-8960

**Website:** <http://burkemath1.weebly.com/>

**Remind:** Text @burkem1 to 81010

**Twitter:** @LMBteacher1

**Google Classroom:**

Core 3: 2uufjt5

Core 4: fbtz95

MATH 8

2019-2020

COURSE DESCRIPTION

Math 8 uses Open Up Resources by Illustrative Mathematics. This is a problem-based curriculum where students work on carefully crafted and sequenced mathematics problems during most of the instructional time. You will do a lot of hands on learning. In this process, you will explain your ideas and reasoning and learn to communicate mathematical ideas. More information about Open Up Resources can be found at <https://openupresources.org/math-curriculum/>.

The following are the units/topics of study:

▪ Rigid Transformations and Congruence

▪ Dilations, Similarity, and Introducing Slope

▪ Rigid Transformations and Congruence

▪ Linear Relationships

▪ Linear Equations and Linear Systems

▪ Functions and Volume

▪ Associations in Data

▪ Pythagorean Theorem and Irrational Numbers

**Classroom Expectations**

* Come prepared to learn
* Adhere to our social contract
* Comply with all AFMS and WCPSS policies

GRADING POLICY

Grades will be determined from a variety of assessments that will include projects, quizzes, tests, performance tasks, homework and skills activities. Formative assessments will be utilized to monitor progress prior to giving summative assessments.

▪ Majors 50% - tests, performance tasks, projects

▪ Minor 40% - quizzes, projects

▪ Skills 10% - homework, skills checks

HOMEWORK (100-50-0)

Homework gives you a chance to practice concepts that are new or that need to be strengthened.

▪ Daily: 45-60 minutes – to complete written work AND study

▪ Accounts for 10% of your grade

▪ Will not be accepted more than 2 weeks late

For homework to be considered 100% complete, students must attempt and show work for all problems. Homework must be at least 50% complete to earn a 50%. Late HW is 89% and no HW is 0%.



Attendance/Makeup Work

Your presence in class is vital to your success in this course. When you are absent or tardy, it is **YOUR** responsibility to **complete assignments and homework as well as take any tests that you missed.** All assignments and lesson plans are posted on the class website. Any handouts given in class will be placed in the absent binder. I will not ask nor chase for late HW or HW that is to be made up when absent; it is the student’s responsibility to show me the assignment.

**CALCULATORS**

Students will have access to a calculator during the class period. To have access, they must have a signed calculator contract. It is highly recommended for students to have their own TI-84 calculator at home to use as well.



ADVICE to FOSTER SUCCESS

|  |  |  |
| --- | --- | --- |
| ORGANIZATION | SMART BLOCK | STUDY |
| ▪ Date all papers  ▪ Specifically title notes, HW, handouts, worksheets … all loose papers  ▪ File in chronological (date) order in your 3-ring  ▪Clean out your binder at the end of each quarter, but save everything at home (including your workbooks) to reference at the end of the year while studying for the EOC  ▪ Used lined paper, show all work and always check your answer | ▪ COME and come often  ▪ Ask questions in smart block and in class  ▪Do NOT leave all your HW for smart block. Instead it is a time to ask for help on the questions that gave you difficulty  “The smartest students are those that ASK THE QUESTIONS”  Related image | Studying for the class is not optional. In order to be successful, you must study. Be sure to:  ▪take detailed notes and participate in class  ▪WORK problems and REWORK them  ▪ Review daily notes and vocabulary  ▪ Make flashcards  ▪Study with peers  ▪ QUIZ YOURSELF |

Teacher Wish List

Please and Thank You!

▪Puffs Plus Tissues

▪Any brand Tissues

▪Hand Sanitizer

▪Disinfecting wipes

▪Pencils

▪Expo Markers

▪Highlighters

▪PaperMate Flair pens

▪Sandwich bags

▪Colored copier paper

▪Amazon/Target/Walmart gift cards

**Student Supply List**

* 8.5” x 11” one subject Spiral Notebook
* Section in 3-Ring Binder
* Loose leaf paper
* Graph Paper
* Pencils and erasers
* Colored pencils
* Hand held pencil sharpener
* Pen (red or blue)
* Highlighter
* Glue Stick
* Protractor
* Earbuds or Headphones that will plug into laptop
* TI-84 Plus Graphing Calculator (Suggested)

TEST CORRECTIONS

Students have the option to correct mistakes and earn back half of the missed points.

Requirements:

▪ Up-to-date on homework for that given unit

▪ Correction sheet is completed which includes reworking all missed problems and specifically explaining each error

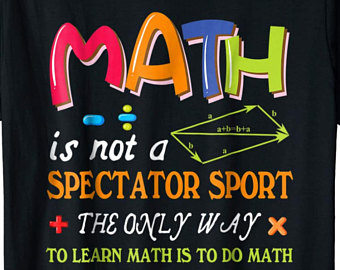
▪ Correction sheet is signed by a parent or guardian

▪ Correction sheet along with the original test is returned to me within 5 days of getting the original test back

A Message to You

I believe hard work, perseverance, a positive attitude, and showing respect and kindness towards others are the keys to success in life. With your cooperation and a commitment to always try your best, we will have a great year! I am very excited to be your teacher this year, and I am looking forward to watching you grow!

Remember …



I am looking forward to working with all my students and families and I wish everyone a successful year in Math 8! - Mrs. Burke

SIGNATURES Please sign to indicated you have read and understood the guidelines for the class. Thank you!

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Print Student Name Student Signature

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Print Parent Name Parent Signature