

# Math 2

**Sufyan Shahin**

Email: sshahin@wcpss.net

Office Hours: Each Morning 6:50-7:20

Tutorial: Tuesday/Wednesday/Thursday (All of lunch)

Mathematics Department

Holly Springs High School

(919) 577 - 1444

## COURSE DESCRIPTION

The study of Math 2 covers the topics of modeling with Geometry, quadratic functions, exponential functions, advanced function types, Trigonometric functions, and probability. Reasoning skills will be emphasized and students will broaden their use of the coordinate plane. Math 2 is a continuation of the content learned in Math 1 and is a prerequisite for Math 3.

Major Topics: Geometric Modeling and Reasoning, Modeling with Quadratic Functions, Modeling with Advanced Function Types, Modeling with Trigonometric Functions, & Modeling with Probability

## Supplies you may want (mix and match)

Pocket Folder w/ Fasteners

Three ring binder

Dividers

Pencils, Pens, and colored pencils

Highlighter

Loose Leaf Paper

Graph Paper

TI-83 + or TI-84 Graphing Calculator

AAA Batteries

**Collaborative Learning:** Math 2 is taught in a collaborative style. Students will be expected to work together in groups throughout the year to investigate, explore, and develop a deeper understanding of mathematical concepts.

## GRADING SCALE

A	90 - 100
B	80 - 90
C	70 - 80
D	60 - 70
F	Below 60

<b>Tests</b>	<b>40%</b>
<b>Quizzes</b>	<b>30%</b>
<b>FGLE</b>	<b>30%</b>

<b>Final Average</b>	
First Quarter	40%
Second Quarter	40%
Final Exam	20%

## PROCEDURE FOR MAKE-UP TESTS AND QUIZZES

Make up tests and quizzes must be made up within 2 tutorials of the missed test or quiz. For example, if you missed a quiz given on Tuesday, then you must take the make-up quiz on the following Thursday or Tuesday tutorial. Make up quizzes and tests not taken within 2 tutorials of the missed test or quiz will result in a referral.

## ASSIGNED TUTORIALS

HOT Lunch Directed Tutorials will be assigned to any student who needs additional academic assistance based on assignments/grades. Failing students or students with missing assignments will be assigned HOT Lunch Directed Tutorials. If a student misses a tutorial time, he/she will then be assigned a second tutorial and parents will be notified. Students missing two consecutive tutorials will be referred to administration. **You do not have to be assigned tutorials in order to attend!**

## CALCULATOR POLICY

When needed, students may borrow a graphing calculator from the class set. In order to do this, each student will need to sign out a calculator. If the calculator is not returned in its original condition, the student will be fined a minimum of \$120. Calculators do not leave the classroom.

## ABSENCE & TARDY POLICIES

Students are expected to be in class and on time everyday! Please refer to your student handbook for the Holly Springs High School tardy and absence policies. When you return to school, it is your responsibility to get missed assignments from the absent folder and turn in all makeup work.