# FLIPPED PRE-AP PRECALCULUS 2015-2016

## Contact Information

### Ms. Sara Korotkow

**Room:** C204
**Phone:** 469-593-3027
**Email:** sara.korotkow@risd.org
**Twitter:** @MsKmath
**Website:** http://www.mskmathrhs.weebly.com/
**Remind:** Text @MsKpapPC to 81010 to receive text message updates
Email is the best way to stay in contact. Every student is provided with a g.risd.org email account accessible through google.com.

## Tutoring
Tuesday 8:15-9:00AM
Wednesday 4:15-5:00PM
Thursday 8:15-9:00AM
Additional tutoring times can be arranged – just ask!
Mrs. Baker (C207) is available Tues & Thurs 8:15-9:00AM if I am unavailable.

Conference Period – 1st (9:00-9:50AM)

You may access Edline through the district website at www.risd.org. Grades will be posted at http://focus.risd.org. Additionally, all assignments, calendars, and notes will be posted regularly on my class website.
http://www.mskmathrhs.weebly.com

## Materials
Required Supplies
- A 3- or 5-subject notebook
- Writing utensils (colors welcome!)
- TI-83 or 84 graphing calculator*
- 4 AAA batteries

Recommended Supplies
- Expo Markers
- Kleenex
- Hand sanitizer

*A calculator may be checked out from RHS (once available) for home use for the year once the calculator agreement form is returned. Calculator emulator applications for phones may be downloaded and used at home.

## Grading Policies and Procedures

> Tests & Major Projects: 50%
> Quizzes & Minor Projects: 30%
> Daily Work & Notes: 20%

✓ On any written work, NO WORK = NO CREDIT.
✓ Extra Credit will be offered on a very limited basis.
✓ Daily Work includes video notes, in-class assignments, and participation grades during each six weeks.

### Homework
"Homework" means you will watch a 5-15 minute video each night and take notes. These notes will then be used to complete in class activities the next day. Failure to take notes will result in loss of privileges and less time to complete assignments in class. Videos can be watched in the library, in C204 before or after school, or anywhere with an internet connection. Please let me know if this will be a problem, and we will discuss alternative solutions.

### Make-Up Work:
It is YOUR responsibility to complete assignments on days you are absent. You are expected to have the video notes completed for each day you miss. If you miss a quiz or test, you must communicate with me to make it up within one week of your return.

### Late Work:
Any assignment turned in one day late will receive a maximum grade of 70%. No late work will be accepted after one day late.

**Academic Dishonesty is not tolerated and will face consequences according to RHS policy.**

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## Classroom Expectations

1. **Be Prompt.** Be on time to class. You must be in your seat when the tardy bell rings. Handouts will be placed at the front of the classroom – make sure to pick one up before you sit down!

2. **Be Prepared.** Bring all supplies daily – including your completed video notes.

3. **Be Respectful.** Respect all students, teachers, administrators, and other adults present, as well as the classroom and materials within it. This includes raising your hand to speak and putting away materials properly.

4. **Be an Active Learner**. Participation in class is expected. Follow directions the first time, stay on task, and ask questions!

## Attendance

To be successful in this class, you must be dedicated to attending class every day and always completing your homework, your video notes. If you are having trouble, please make the effort to attend tutorials. Do not wait until the day before the test! You need to actively participate in lessons and practice until you know the material. I am always willing to help if you are willing to put in the effort!

## Technology

Students will be encouraged to use technology in the classroom, when appropriate. Cell phones and music players should only be used during designated times, such as independent work time or with teacher discretion. Devices are not permitted during assessments or during learning time.

## Course Outline

This class is intended to prepare students for AP Calculus and college math courses.

1st Semester:
Right Triangle Trigonometry
Graphing Trig Functions
Inverse Functions
Models
Trig Identities
Oblique Triangles

2nd Semester:
Polynomials
Conic Sections
Logs and Exponents
Series and Sequences
Polar and Parametric
Limits
Derivatives