

Period \_\_\_\_\_ Student Name \_\_\_\_\_ Parent Name \_\_\_\_\_  
Parent Cell Phone \_\_\_\_\_ (Text-enabled? YES or NO) Parent Email \_\_\_\_\_



**BURGES HIGH SCHOOL**  
**Instructor O.E. Madrid Sr., M.Ed. / Room #236**  
**Conference Period 8 / 3:10 pm – 3:55 pm**  
[oemadrid@episd.org](mailto:oemadrid@episd.org); MrMadridMathematics.weebly.com



**I. MATH MODELS W/ APPLICATIONS Course Description (What is this class about?)**

*Pre-requisites for this course are Algebra I and Geometry.* Mathematical Models with Applications is designed to build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I. This mathematics course provides a path for students to succeed in Algebra II and prepares them for various post-secondary choices. Students learn to apply mathematics through experiences in personal finance, science, engineering, fine arts, and social sciences. Students use algebraic, graphical, and geometric reasoning to recognize patterns and structure, model information, solve problems, and communicate solutions.

**II. Burges Excellence (BE)**

ENCOURAGE, RESPECT, RESPONSIBILITY, ENGAGE, RESILIENCE

**III. Teacher Expectations (What does Mr. Madrid want from the class?)**

I want 100% of students passing with a 70 on all coursework, and 45 minutes of education and no distractions- All personal property (i.e. backpacks, cell phones, ear phones, food, drinks, etc.) on the tables along the wall.

**IV. Student Expectation (What does Mr. Madrid want from me?)**

1) Be Real: Be in your seat at the bell, ready to start; participate, ask questions and provide your best effort in everything you do; 2) Be Responsible: You are here to learn, and do what you must, to PASS the course.  
3) Be respectful: Raise your hand and treat others the way they deserve to be treated.

**V. Homework (Will there be homework every day?- YES)**

Students will be required to take notes from their online textbook (i.e. cK12.org) and complete practice problems.

**VI. Student Leaders (What should I know?)**

Students are assigned as student leaders regularly during the class period. These students lead the class discourse and direct the classroom learning. Other students will channel all questions, comments and concerns to the student leader, and in return the student leader can respond or seek assistance to respond. Student leaders should expect to be comfortable, respected and assisted.

**VII. Resources (What do you need to bring to this class?)**

- 3-5 subject notebook (to archive DAILY course work ALL semester) and pen(cil) EVERY DAY!!
- District-issued laptops/ personal internet-ready device (furnished at teacher's discretion ONLY)
  - Remind (download app: to receive class notifications for parents & students)
- Schoology account (access to Mr. Madrid's course, instructions, resources, course submissions)
- \* EdPuzzle, MyMathLab, ck12.org, OneNote, textbook and/ or workbook (see BHS bookroom)

**VIII. Record Keeping (What happens to all the coursework, quizzes and tests?)**

It is a student's responsibility to collect and save all coursework, quizzes and tests. As an aid to students, the classroom will provide a repository for student records. The teacher is not responsible for any losses nor damages.

**IX. Testing Environment (How should I conduct myself during any type of testing?)**

- Student is facing forward (no electronic/ electronic accessories: leave in backpack or in sleeves up front)
- There is absolutely no student-to-student interaction. (For any questions, comments or concerns, raise your hand and/ or walk back to the teacher.) If there is any reason I should hear your voice, first let me know!
- The only items allowed on your desk are the test and your pen(cil). Notebooks and other items should be placed under your desk or safely put away in your backpacks.
- If you are away from your desk at any point, you will cover your test answers and answer sheets.
- If you are done early, you can put your head down or look over test. Keep the test until time runs out.
- \* Academic Dishonesty (i.e. cheating) is failure to adhere to (violation of) these testing rules and regulations.

**X. New Student (I'm new, what should I do to catch up?)**

- Read/ keep syllabus for your records. Open **FIRST-TIME STUDENT Q&A FOLDER** in Schoology.
- Borrow notebook from classmate, and transfer their notes to your notebook. Also make copies of coursework, quizzes and tests for your records. (Teacher can help.. ask)

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### **XI. Grading (How is your grade for the class calculated?)**

<u>Nine Weeks Grade</u>		<u>Final Semester Grade</u>		<u>Grading Scale</u>	
*Coursework (Daily)	20%	1 <sup>ST</sup> Nine Weeks	45%	A	90 –100
Formative (Quizzes)	40%	2 <sup>ND</sup> Nine Weeks	45%	B	80 – 89
Summative (Tests)	40%	Final Exam	10%	C	75 – 79
Total	100%	Total	100%	D	70 – 74
				F	< 70

\*Coursework: At the end of each week, one grade will be used/ reflected in the gradebook. This grade is generated from completing the following: submitting daily notes with homework problems (i.e. via Remind or a scanned copy at the start of class), in-class presentations (i.e. solving problems on the board), uploading a complete notebook to Schoology weekly (i.e. your in-class notes for the whole week), and performing well on daily warm-ups (i.e. consistent with notes).

**IMPORTANT!!** Any grade falling under a 70 is eligible for a redo. Student has 5 working days to redo the coursework associated with the grade. The highest grade you can receive is a 70.

### **XII. Redo (What if I earn a failing grade for coursework, quiz or test?)**

- (Coursework) Warm-Up/ Course Assignments? \*Complete Steps 1 & 2; In-Class Presentation? Discuss the presentation with me one-on-one (Make an appointment); School Projects? (Make an appointment)
- Quiz or Test? 1) \*Complete Steps 1 & 2, 2) at our appointment we will discuss the following: requisite tutoring, re-test date and time, test correction, etc. (FYI: I will keep the re-test/ test corrections, so make a copy for your records)

\* TIP: You will find details about Steps 1 & 2 in your Schoology folder- it is titled “Redo/ Make-Up Policy Folder”

### **XIII. Make-Up (What if I was absent for coursework, quiz or test?)**

- Coursework? \*Complete Steps 1 & 2; Quiz or Test? Schedule an appointment to make-up the quiz or test

**IMPORTANT!!** The number of days the student was absent, is equal to the number of working days student is allowed to make-up the coursework, quiz or test.

\* TIP: You will find details about Steps 1 & 2 in your Schoology folder- it is titled “Redo/ Make-Up Policy Folder” (FYI: All questions, comments, concerns and submissions regarding the Redo Policy/ Make-Up Policy, and any other matter that is not directly connected to the lesson of the day, will ONLY be addressed outside of class or by appointment with teacher in room #236- but not during class/ instructional time.)

### **XIV. Classroom Atmosphere (What can I expect?)**

Teacher will determine the temperature setting, and will have music playing during transition. Students are not allowed to handle temperature settings, music player nor other classroom furniture/ hardware without permission.

\* TIP: Students are encouraged to bring additional articles of clothing to adjust accordingly.

### **XV. Tardy (How can I avoid being tardy and unprepared for class?)**

Everyone should be in his/ her seat and ready to work by the time the bell rings. This means having materials ready (i.e. notebook/ pen(cil) ready), using the restroom, sharpening pencils, and socializing should be executed before class begins. The teacher MUST report to the school students that are tardy to class. If you have a valid reason for being late to class (i.e. TECH students, school pass, etc.) you must enter quickly, quietly and prepared to continue with class.

### **XVI. Bathroom/ Leaving the Classroom During Class (What should I know?)**

Classes are only 45 minutes, and being in class is very important, since we work bell to bell. Students are discouraged from using the bathroom or leaving the classroom early, with any frequency. Students will sign themselves out on the “Reason Leaving Classroom” log, take the classroom pass with them, and return it to the same location (on the pencil sharpener). Students are expected to use the bathroom for emergencies, at most once per week. Students are not allowed to use the bathroom during the first 10 minutes of class, and last 10 minutes of class.

### **XVII. Exceptions to the Syllabus (What if I have special considerations?)**

The student will make a good faith effort to inform teacher about any special considerations that would not comply with the terms of the syllabus. Student will also provide appropriate evidence (i.e. doctor’s note, etc.)

### **XIII. Consequences (What happens to students that interrupt the learning process?)**

I) Intervention by teacher (i. verbal, ii. written, iii. parent phone call), II) PBIS Referral, III) Principal Referral

### **XVII. 2 Passes Each Week (Is this an incentive?- yes)**

As an incentive, teacher will provide 2 passes each week. Each pass can be used for reasons determined by teacher: i.e. bathroom break, waive the weekly notebook upload. This is an incentive because in the past, students have struggled to maintain/ upload their notebook, every week, all year long- which is an important goal in this class.

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