**Integrated Math 2 - Mrs. Cordier Classroom Policies**

Hello! Welcome back to school! I look forward to working with you this year. We will have an exciting and challenging curriculum to accomplish and the following are some policies to direct you in achieving our objectives with success!

This year you will be using a curriculum based on the Common Core State Standards for Mathematics. You will be asked to communicate through dialogue and discussion the different strategies used to accomplish a task. You will engage actively through a student-centered classroom environment. I will be more like a math coach, guiding you to achieve.

**Textbook:** College Preparatory Mathematics (CPM), Core Connections Integrated 2

**Supplies Needed:**

* A graphing calculator is a MUST! (The TI-84 series is a good one, buy one or check one out)
* Sharpened pencils with erasers
* Dry erase marker
* Graph paper notebook
* College ruled notebook
* Optional supplies can include colored pencils, highlighters, clear ruler

**Classroom Expectations**

**BE PROMPT! BE PREPARED! BE PROPER!**

### Consequences for not following the Classroom Expectations

 **First & Second Offense –** student will be given a verbal warning.

**Third Offense –** student will be sent to the vice-principal’s office on a referral and a phone call home will be made. This will result in no credit for the day.

**Ms.** **Cordier’s Availability –** I will be available during 1st period and at lunch on Tuesday, Wednesday, and Thursday. If you need to contact me, you can email at **scordier@dixonusd.org** or call the office at 707-693-6330.

# HELP!

* You can access the CPM Integrated Math 1 textbook at: **www.cpm.org/int2**, where you will find Homework Help.
* Come in at lunch to see Mrs. Cordier on Tuesday, Wednesday or Thursday!
* Websites: purplemath.com, mathisfun.com, coolmath.com, khanacademy.org, youtube.com.
* To see all of Mrs. Cordier’s Integrated Math 2 homework go to: [**www.scordier.weebly.com**](http://www.scordier.weebly.com) .
* UC Davis tutors afterschool in the counseling center.

# Grades

**1. Homework (10%)** – Assignments will be given daily and checked daily.

The following points can be earned for homework:

 5 – attempted to solve and show work for **all** homework problems.

 4-2 – attempted at varying degrees to solve most homework problems.

 (teacher’s discretion)

 0 - no attempt made.

If a student misses class for any reason, it is their responsibility to find out what was missed and discuss with the teacher new due dates. Homework will be corrected daily in class; therefore an honest attempt must be made at home before any credit can be received. Every Monday the homework tally sheet will be closed out for the prior week. See my website for all assignments at [**www.scordier.weebly.com**](http://www.scordier.weebly.com)**.**

**2. Individual Assessments (65%)** – Chapter tests will be given at the completion of each chapter. Chapter Quizzes will be given at least once during a chapter.

**3. Collaborative Assessments (10%)** – Group tests, group quizzes, group performance tasks.

**4. Classwork/Projects (15%)** –Some classwork will be collected for grading. Warm-ups will be given daily. Common core projects and tasks will be assessed throughout the chapters. Group and Individual Participation will be assessed daily.

**A=100 – 90% B=89 – 80% C=79 – 70% D=69 – 60% F=59 – 0%**

# Course Outline

Students will study the following mathematical concepts:

1. Exploring Algebraic and Geometric Relationships – Polygons, Area and Perimeter, Angles
2. Justification and Similarity – Triangle Congruence and Similarity, Flowcharts
3. Probability and Trigonometry – Probability Models, Ratios
4. Factoring and more Trigonometry – Quadratics, Right Triangle Trigonometry
5. Quadratic Functions – Multiple Representations
6. Right Triangles – Pythagorean, Special Right Triangles
7. Proof and Conditional Probability – Properties of Rhombi, Conditions
8. Polygons and Circles – Area, Angles, Similarity
9. Modeling with Functions – Nonlinear, Growth
10. Circles and More – Equations, Arcs, Angles, Tangents
11. Solids – Prisms and Cylinders and Pyramids and Cones, and Spheres
12. Counting and Closure – Combinations and Permutations

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Student Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Parent Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Parent Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Student phone\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Parent Phone\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_