

Integrated Math 2: CPM  
Instructor: Mrs. Verti, Room 908  
Email: [c.verti@bonita.k12.ca.us](mailto:c.verti@bonita.k12.ca.us)

[My Website bit.ly/VertiMath2](http://bit.ly/VertiMath2)

[Parent portal https://parent.bonita.k12.ca.us/LoginParent](https://parent.bonita.k12.ca.us/LoginParent)

### Course Information

#### [Homework Help and selected answers](https://homework.cpm.org/cpm-homework/homework/category/CCI_CT/textbook/Int2)

[https://homework.cpm.org/cpm-homework/homework/category/CCI\\_CT/textbook/Int2](https://homework.cpm.org/cpm-homework/homework/category/CCI_CT/textbook/Int2)

Integrated Math 2 satisfies the A-G requirements towards math for the CSU and UC for college and career preparedness. This student centered course is the second of a 3 course program integrating algebra and geometry topics in an effort to prepare students for post high school mathematics. Successful completion of the 3 integrated courses satisfies high school requirements for Bonita Unified and the state of California. The prerequisite course is Integrated Math 1. The following 12 chapters will be explored during this course:

- Exploring Algebraic and Geometric Relationships
- Justification and Similarity
- Probability and Trigonometry
- Factoring and More Trigonometry
- Quadratic Functions
- More Right Triangles
- Proof and Conditional Probability
- Polygons and Circles
- Modeling with Functions
- Circles and More
- Solids
- Counting and Closure

This course relies heavily on **collaboration** and **communication** between students. Students will be working in groups with specific roles to facilitate their understanding of mathematical topics in an exploratory manner. Although collaboration is used during the learning process, students are individually assessed and held accountable for their learning by participating and completing all assignments and homework.

### CPM Course Values

The skillset that this curriculum values include:

- Mathematical understanding
- Skill proficiency
- Problem solving
- Communication
- Justification
- Mastery over time
- Multiple ways of seeing
- Effective teamwork

## Suggested Materials

- Pencils, highlighters, pens (replenish all year)
- Calculator (scientific)
- Folder
- Graph paper spiral notebook (for math notes) (1 for each semester)
- Expo Marker
- Straightedge (ruler, protractor, etc.)

## Expectations

- Be **Responsible** (on time, homework completed, materials ready)
- Be **Respectful** (be kind and respectful to peers, teachers and yourself)
- Be **Resourceful** (use materials and other resources wisely to complete tasks)

## Grading

Grades are calculated in the following weighted categories. Please use the parent/student portal to check grades regularly. [Parent portal](#) is on

80% Assessments (tests and quizzes)                      20% Homework/classwork/notebook  
**A=90-100    B=80-89.99    C=70-79.99    D=60-69.99    F=below 60**

## Homework

Homework will be assigned regularly to reinforce and practice the content learned in class. All homework assignments will be completed in the classwork notebook and labeled with the page and problem numbers. Selected answers and hints are available on the CPM website. All work must be shown to receive full credit.

**Homework is expected to be complete by the start of class and must be out on your desk prior to the tardy bell.**

## Late Work

Late work is not accepted except for absences.

**Absent students are responsible for all work and will not be marked late unless the work is turned in after the same number of days absent from returning to school. It is the responsibility of the student to obtain all absent work.**

## Citizenship

Student's report cards will include a citizenship grade based on classroom behavior. The following scale will be used. Please note there are restrictions for students receiving an **N** or **U**.

**O**-Outstanding            **S**-Satisfactory            **N**-Needs Improvement            **U**-Unsatisfactory

I am extremely excited to spend this year with each of you! Let's make this school year both enjoyable and successful!

**Bonita High School**

**To subscribe to my Remind:**

**Send a text to 81010**

**with message: @h6bfb4**

**Integrated Math 2**

**2017-2018**

**Mrs. Verti**

**A note to the parents/guardians:**

I often have parents ask how they can help their students be successful in High School Math when they may not understand the math. First, your student is a few years away from graduation, so encourage them to start advocating for themselves when they need help or are concerned with their progress in a class. They can do this by participating in class, asking questions when something is unclear, going to math lab during intervention, attending free after school tutoring in the library, coming in during office hours for extra help, communicating to me when they will miss class, copying a peer's notes when they have to miss class, and checking their assignments and grades online. Second, if you have any concerns at all about your student, feel free to contact me. I often have students in my classroom during the day, which makes it difficult to return phone calls until late afternoon. If you send an email to [c.verti@bonita.k12.ca.us](mailto:c.verti@bonita.k12.ca.us), I can reply in a timely manner. I look forward to meeting you at Back to School Night, August 28, 2017.

**A note to the students:**

Welcome to Math 2! I hope that you find the math you learn this year both interesting and challenging. Please know that I want you all to be successful in this course. That success, however, will depend on the amount of effort you put into learning the material and working together with your team. One thing you should understand is that the purpose of homework is to practice, understand, and reinforce the lesson taught in class as well as review previously learned topics. If you finish a homework assignment, and still do not completely understand a concept, it is a good idea to read through your notes, study with a friend, ask a teammate, go to the CPM website, go to the free after school tutoring in the library, or speak with me.

**Please read through the materials you received on the first day of school and return the bottom portion of this paper by Friday, August 25, 2017.**

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**By signing below, you acknowledge that you have read and understand all the policies for this course.**

**Student Acknowledgment**

I have read and understand Mrs. Verti's Classroom Expectations. (student initials) \_\_\_\_\_

I have read and know what materials I need to bring to class. (student initials) \_\_\_\_\_

I have read and understand Mrs. Verti's grading policy. I understand that Mrs. Verti does NOT round grades. \_\_\_\_\_

I have read and understand Mrs. Verti's consequences. I understand that there are consequences to my actions. \_\_\_\_\_

I understand that if I reach step 4, I will receive a "U" citizenship grade. \_\_\_\_\_

Student Signature \_\_\_\_\_ Date \_\_\_\_\_

Parent Signature \_\_\_\_\_ Date \_\_\_\_\_

# Letter to my students!!!

## Integrated Math 2 2017-2018

Dear students,

I have very high expectations for you. I believe in you. I think you are very capable of learning the math in this course. I do not believe that there are people who are “math people” and “not-math people”. You are all capable of learning this material and working with a team. Instead of thinking, “Oh, I will never understand this, I’ve always been bad at math” think instead “this is challenging, but I am going to keep trying”.

There are some expectations I have for your behavior in this class. You all have a right to an education. When a student talks out of turn, is off task, etc., that student is infringing on the rights of his or her classmates to learn. I take this kind of infraction very seriously.

In order to ensure that every student has an opportunity to learn I want you to know the following 5 things:

1. We are a community of learners. This includes the teacher (yes, I am still learning).
2. Please, if you know an answer to a question, do not call out the answer right away. This interferes with others who are still thinking about the question. If you figure an answer before others, double check your work, or try to see if you can solve it another way. Also, make sure you can defend your answer.
3. There is no such thing as a “math” person. You are capable of learning this. You just have to keep trying.
4. In this class, we use academic language to explain our thought process, we show our work as a way to provide evidence of our thinking, we ask questions when something is unclear, and we keep trying.
5. Math is fun. It’s also hard work, but it’s mostly fun and worthwhile.

I look forward to an amazing school year and I hope you enjoy our time together this school year.

Sincerely, Mrs. Verti

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**Parents: Please use this space to write about your child’s strengths. What are you most proud of about your child?**

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**Students: Please use this space to tell my something about yourself.**

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Classroom Expectations

1. Be Responsible (on time, homework completed, materials ready)
2. Be Respectful (be kind and respectful to peers, teachers and yourself)
3. Be Resourceful (use materials and other resources wisely to complete tasks)

Student Acknowledgement

I understand the rules above.

I understand that there are consequences to my actions.

I understand that if my behavior is bad enough, Mrs. Verti can skip steps.

I understand that if I reach step 4, I will receive a "U" citizenship grade.

Student Signature: \_\_\_\_\_

Date: \_\_\_\_\_

First Step- Warning

Description: \_\_\_\_\_

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Second Step- Student conference with Mrs. Verti, detention assigned

Description: \_\_\_\_\_

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Teacher Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Third Step- parent/guardian contact, Bonita HS detention assigned

Description: \_\_\_\_\_

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Teacher Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent Contact: \_\_\_\_\_

Date detention served: \_\_\_\_\_

Fourth Step- referral to office, SAT School, request conference with student, parent, teacher, and counselor. Student receives a "U" citizenship grade.

Description: \_\_\_\_\_

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Teacher Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Referral sent: \_\_\_\_\_

Note:\* If a student is sent to the office for behavioral reasons, it will be considered STEP 4 and the student will automatically receive a "U" citizenship grade for that quarter.

Notes: