

# WASHINGTON UNIFIED SCHOOL DISTRICT

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## INTEGRATED MATH 2 OVERVIEW

COURSE TITLE:	Integrated Math 2				
DEPARTMENT:	Mathematics				
UNITS:	Two Semesters: 5 Units per Semester				
GRADE LEVEL:	10 <sup>th</sup> , 11 <sup>th</sup>				
NATURE OF COURSE:	Meets district graduation requirement as one of three courses in mathematics. Meets UC/CSU approval for the a-g requirement in mathematics. Requires a grade of C- or better for placement into Integrated Math 3.				
PREREQUISITE:	A grade of C- or better in Integrated Math 1				
DESCRIPTION:	The purpose of Mathematics 2 is to formalize and extend the mathematics that students learned in Mathematics 1. The critical areas deepen and extend understanding of quadratic relationships, in part by contrasting them with exponential functions, and in part by applying linear models to data that exhibit a trend. Mathematics 2 uses properties and theorems involving right triangles, circles, and volume to deepen and extend understanding of geometric knowledge from prior grades, while also focusing on quadratic functions and their graphs. Classes focus on a student centered approach where students work in partners and groups in order to discover, discuss, and analyze mathematical concepts. There is also a software component to the class, called MATHia, where students work through problems and get help at their own pace.				
COURSE GOALS:	Key skills and concepts, as outlined by the California Common Core Standards, are addressed as students learn to: <ul style="list-style-type: none"><li>• Discover and understand properties of basic geometric shapes</li><li>• Understand properties of similar figures and solve problems involving similar shapes</li><li>• Utilize trigonometry to determine patterns and similarity in right triangles</li><li>• Solve various problems in relation to theorems about circles</li><li>• Experiment with and calculate the volume of 3D objects</li><li>• Interpret functions that arise in applications in terms of the context.</li><li>• Represent and solve quadratic equations graphically</li></ul>				
TEXTBOOK:	<i>Integrated Math 2</i> Carnegie Learning, 2012				
GRADES:	A = 90% - 100%	55%	Tests/Quizzes	55%	Tests/Quizzes
	B = 80% - 89%	25%	Daily Work/Projects	25%	Daily Work/Projects
	C = 70% - 79%	10%	MATHia Online	10%	MATHia Online
	D = 60% - 69%	10%	Midterm	10%	Final
	F = 0% - 59%	100%	SEMESTER 1 GRADE	100%	SEMESTER 2 GRADE

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Parents, Guardians, and students: Please sign and return the section below acknowledging that you have read and understand these class policies. If you have any questions or concerns, please feel free to contact me by email at [jclifford@wusd.k12.ca.us](mailto:jclifford@wusd.k12.ca.us). I am very much looking forward to meeting you at Back to School Night on Wednesday, August 23rd!

This form is due by **Friday, January 12<sup>th</sup>,**

You must also have your **pencil, whiteboard pen, calculator and composition notebook\***

*\*If you have any difficulty getting the listed supplies for any reason, please do not hesitate to contact me!*

Student name (Please print): \_\_\_\_\_

Student signature: \_\_\_\_\_

Parent/Guardian name (Please print): \_\_\_\_\_

Parent/Guardian signature: \_\_\_\_\_

Parent/Guardian email(s): \_\_\_\_\_

Parent/Guardian phone number(s): \_\_\_\_\_

BELOW: Please let me know of anything I might need to know (allergies, health concerns, eyesight, hearing, etc.) so I can make any necessary accommodations to best serve you:

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Ms. Clifford, Room F658  
[jclifford@wusd.k12.ca.us](mailto:jclifford@wusd.k12.ca.us)

River City High School  
Spring 2018

## Integrated Math 2 – Ms. Clifford

**Welcome to Math 2!** My name is Ms. Clifford and I am very much looking forward to working with you over the course of the year. Please know that I am here to do everything possible to support you in accomplishing your academic and personal goals. I am confident that if we work together, we can have a successful term. Please don't ever hesitate to contact me or see me if you ever have any questions, concerns, or suggestions on how I can best help you to be successful in my class.

**Supplies needed:** *Please talk to me ASAP if you have any difficulty getting any of the listed supplies!*

- Pencil (with an eraser!)
- Whiteboard marker
- **1-inch binder /or folder**
- Spiral bound notebook or composition notebook
- (Suggested) Different colored pens/pencils for note-taking
- (Suggested) Scientific Calculator – you can get this from the Dollar Tree!

### Classroom Expectations:

- **Respect each other AND yourself:** We are here to create a safe classroom community where learning and having fun is the top priority. This can only happen if we have mutual respect.
- **Come prepared:** Students must bring all materials and be in their seats ready to learn and be active participants before the tardy bell rings. Cell phones are to be out of sight **at all times**.
- **Don't be afraid to mistakes:** "If you aren't making mistakes, then you're not doing anything. I am positive that a doer makes mistakes." – John Wooden. I value perseverance and the willingness to learn over correct answers.

**Consequences:** If the classroom expectations are violated in any way, consequences may include one or more of the following:

- Verbal warning(s) - Conference after class – Phone call/email home – Referral

### Homework:

- Homework is assigned DAILY (yes, even on weekends). You are expected to complete the homework to the best of your ability.
- Homework is checked daily for completion.
- If you miss 3 homework assignments, I will be contacting home.
- I will also randomly collect homework twice a week and pick 2-3 problems to grade for accuracy.
- I do NOT accept late homework, except when a student is absent.
- I may do concept checks: 2-3 times per unit. These are like mini-quizzes and worth 20 points. You may retake concept checks as many times as you would like for full credit before the end of the unit. After the unit test, you may retake concept checks to earn half credit back in points.

### MATHia Online:

- MATHia is the online program that is aligned with our textbook. We will be using the program in class and you will be expected to complete a set number of sections per unit.
- MATHia is worth 10% of your grade, and while you will have time in class to complete the sections, you may also need to spend some time out of class, either at home or at Academic Outreach, to complete the sections.

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## Tests/Quizzes:

- Because of the block system, we move very quickly. You can expect a test or a quiz nearly **every week**.
- Tests are entered in to the gradebook by section, and students are allowed to retake certain sections of tests, without having to retake the whole test.
- Students may retake up to **half** the sections per term.
- Test retakes are allowed only after completion of test corrections, test analysis, all homework for that unit, and a check-in with me.

## Absences:

- You are responsible for any material you missed, including notes, homework, and tests/quizzes.
- Additional time to complete missing assignments will be granted for excused absences, but I recommend keeping up with the material as much as possible for extended absences.
- All materials including homework assignments, notes, and other helpful resources can be found on my school webpage: <http://rivercity.wusd.k12.ca.us/cliffordmath2>. I update this daily.

## Extra help:

- I am available before school and after school most days for extra help. If these times do not work, talk to me and we can work something else out.
- As soon as you feel like you need extra help, please come see me. Don't wait until the last minute!

<b>GRADES:</b>	A = 90% - 100%	55%	Tests/Quizzes	55%	Tests/Quizzes
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	D = 60% - 69%	10%	Midterm	10%	Final
	F = 0% - 59%	100%	SEMESTER 1 GRADE	100%	SEMESTER 2 GRADE

- If you haven't already, download the "Grades" app to keep up with your grades! This links to your Aeries student account and will show you your current grade in all your classes.
- I post grades in the classroom weekly, as well as send home grade reports weekly. If you are not receiving them, please contact me with your current email address and I will fix this.