

WELCOME TO
PARENT NIGHT

IF YOU HAVE ANY QUESTIONS...

- ⦿ If you have any questions about the material in this presentation, please contact your math teacher.

NEW CORE CHANGES

What is new and what is the same?

NEW CORE CHANGES

A. Biggest Change

1. Path—Before we taught

Math 7

Pre-Algebra

Algebra

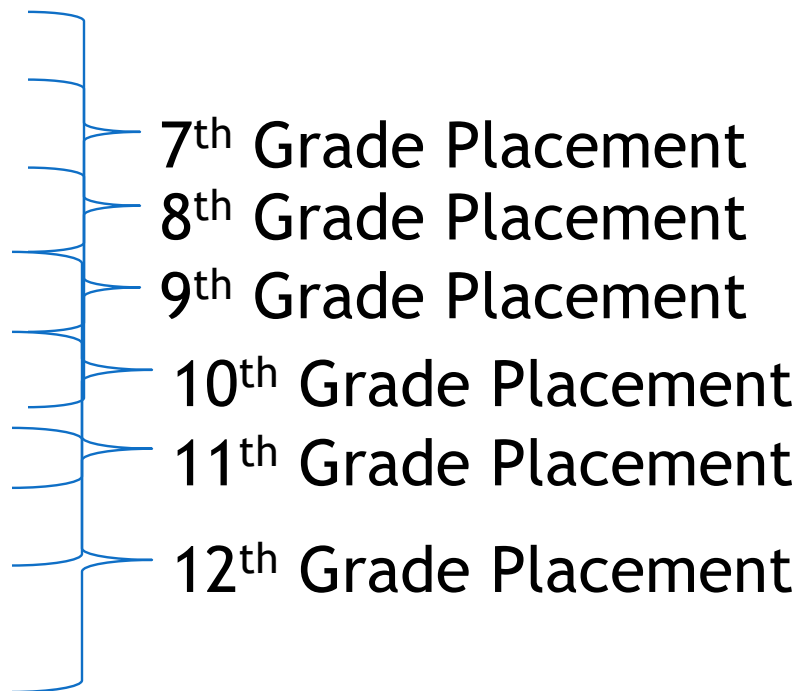
Geometry

Algebra 2

Pre-Calculus

Calculus

Stats



NEW CORE CHANGES

A. Biggest Change

1. Path—Before we taught

Math 7 7th Grade Placement

Pre-Algebra 8th Grade Placement

Algebra 9th Grade Placement

Geometry 10th Grade Placement

Algebra 2 11th Grade Placement

Pre-Calculus 12th Grade Placement

Calculus

Stats

Now

Intermediate 1

Intermediate 2

Secondary 1

Secondary 2

Secondary 3

Calculus

Stats

NEW CORE CHANGES

A. Biggest Change

1. Path—
2. Integration (Blending of Math Concepts)
3. Deeper Comprehension of Concepts

--Before, we had a Mile Wide/Inch Deep

--Now, it's still pretty wide, but we can really expect to delve more into concepts and understanding the math conceptually instead of just computationally.

—For example: Algebra and Geometry are no longer considered two different courses. Find the Area of a rectangle with sides 5 and 8. Is this an Algebra or Geometry question?

THE EIGHT STANDARDS

The New Utah State Core:
Creating mathematically proficient
students

STANDARD 1

Make sense of problems and persevere in solving them.

- ⦿ “Does this make sense?”
- ⦿ Struggling is okay and needs to happen in order for understanding to occur.
- ⦿ Some questions are intentionally difficult to encourage students to stretch and grow.
- ⦿ Students must analyze their classmates work to check for understanding.

STANDARD 2

Reason abstractly and quantitatively.

⦿ Expect contextualization

- View the problem in the context of a real life situation.
- Incorporate units/labels to ensure obtaining desired result.
- Understand the MEANING of the values obtained, not just obtain an answer.

⦿ Expect decontextualization

- Take the problem out of context.
- Think and reason about a problem using just numbers and variables.
- Think abstractly.

STANDARD 3

Construct viable arguments and critique the reasoning of others.

- ⦿ Be able to use definitions, stated assumptions, and previous conclusions to create a solid argument.
- ⦿ Make conjectures and utilize logic and past knowledge to test the validity of those conjectures.
- ⦿ Critique their own and other student's work, and discuss the flaws/accuracy of the work done.

STANDARD 4

Model with mathematics.

- Apply the mathematics they know to solve real life situations.

STANDARD 5

Use appropriate tools strategically.

- ⦿ Consider tools available and utilize the correct tools to solve the problem at hand.
- ⦿ Know how to use technology to assist in learning about math and solving problems.

STANDARD 6

Attend to precision.

- ⦿ Use precise language to communicate mathematical ideas.
 - Simplify, evaluate, equation, expression, reduce, multiply, etc.
- ⦿ Be clear and specific in labeling units of measure, axes, etc.

STANDARD 7

Look for and make use of structure.

- ◉ Find the patterns that exist everywhere in math and utilize those patterns to solve abstract problems.

STANDARD 8

Look for and express regularity in repeated reasoning.

- ⦿ Students look for generalizations and shortcuts to solving problems.
- ⦿ Evaluate the reasonableness of their results.

EMT'S

Essential Mastery Tests

EMT'S

- These are given at the end of every unit to test minimum skills of that unit.
- To pass, the student must get at least 80%.
- If your student got less than 80%, he/she needs to retake the EMT.
 - Your student's grade will show as an F
 - The F will be removed when the student gets at least 80% on the EMT.
- All test scores will be averaged to give the final score in Skyward.

EMT REMEDIATION PROCESS

◎ Remediation Process

1. All Homework for the unit must be turned in and score at least 80%.
2. Test Corrections
3. Retake the EMT
4. Test corrections
5. Extra Review
6. Retake the EMT
7. Remediation with the teacher

WHY 80%

- ⦿ Holding the students to this level of mastery helps ensure the students learn the essential material from the unit.

RESOURCES

How can I help my student most effectively?

VHMS WEBSITES

⦿ How to get to VHMS website

1. <http://vistaheights.alpineschools.org/>
2. Click on Departments and click math
3. “To access the Vista Heights Math Website:
[CLICK HERE](#)”

TEACHER WEBSITES

⦿ How to get to VHMS website

1. <http://vistaheights.alpineschools.org/>
2. Click on Departments and click math
3. Find your students teacher
4. Under teacher picture located “Class website click [HERE](#)”

TEAL TIME

- ◎ TEAL is a time to allow students to:
 - Receive help on math assignments
 - Retake tests
 - Work on test corrections
- ◎ Math Aid: Mrs. Pratt
 - Located in right hand corner of cafeteria (Open Intervention)
 - Helps students with assignments

STUDY GUIDES

7th Grade Study Guide

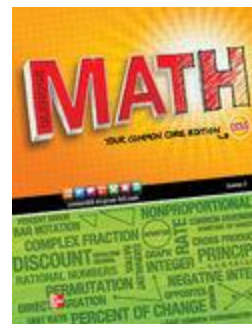
8th Grade Study Guide

TEXTBOOK

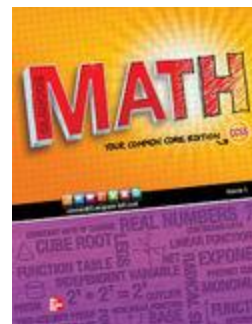
- ◉ Students have access to a textbook, which comes in two volumes for 7th and 8th grade
- ◉ The book is yours to keep and will not be returned at the end of the school year
- ◉ Students should keep the book at home and only bring it to school if their teacher requests
- ◉ We are not following the textbook page by page, but it is an excellent resource for explanation, examples, and extra help.

TEXTBOOK

⦿ 7th grade/Intermediate 1



⦿ 8th grade/Intermediate 2



⦿ 8th grade honors/Secondary 1



ONLINE TEXTBOOK

- The textbook is available online!!!!!!!!!!

Website: www.connected.mcgraw-hill.com

Username: MATHVHMS

Password: mathv160

Glenco Math Course 2: Intermediate 1

Glenco Math Course 3: Intermediate 2 and
Intermediate 1 AC

Utah Secondary Math 1: Secondary 1

TEACHER HELP

- ⦿ All teachers are available before and after school to help your child succeed.
- ⦿ Parents do not need to make an appointment for their child to come in for help, they can just stop by!

TEACHER HELP

- ⦿ Check your teachers website or disclosure document for their available times
- ⦿ Teachers are not available:
 - All teachers have a collaboration meeting MONDAY AFTER SCHOOL
 - The 7th grade team meets to collaborate WEDNESDAY BEFORE SCHOOL
 - The 8th grade team meets to collaborate THURSDAY AFTER SCHOOL

DAILY DOSE MATH

- ⦿ Used to review concepts from regular math class; may include activities, games, practice pages, and drills.
- ⦿ Students have an opportunity to ask questions on their homework from the regular class and receive help.
- ⦿ May receive small homework assignments to practice concepts.

DAILY DOSE MATH

- ⦿ Must qualify for class and will need to drop an elective.
- ⦿ NOT a study hall for math.
 - Students may be given time to work on assignments during Daily Dose, but still need to work on regular math class and Daily Dose assignments at home.

PARENT INVOLVEMENT