



6th Grade Resource Math
Course Syllabus
Aug 2020 – May 2021



Contact Information:

Instructor: Dr. Cara Carson
Room: 303

Email: ccarson@amphi.com
Phone: (520) 696-6761

Course Description:

This year will be an exciting year in your journey through mathematics! We will be studying the following topics throughout the course of the year:

- Topic 1: Use Positive Rational Numbers
- Topic 2: Integers and Rational Numbers
- Topic 3: Numeric and Algebraic Expressions
- Topic 4: Represent and Solve Equations and Inequalities
- Topic 5: Understand and Use Ratio and Rate
- Topic 6: Understand and Use Percent
- Topic 7: Solve Area, Surface Area, and Volume Problems
- Topic 8: Statistics and Probability

Learning Objectives:

As we move through our course topics the following learning objectives will be aligned to the lessons and assessments:

- Objective 1: Apply and extend previous understandings of multiplication and division to divide fractions by fractions.
- Objective 2: Compute fluently with multi-digit numbers and find common factors and multiples.
- Objective 3: Apply and extend previous understandings of numbers to the system of rational numbers.
- Objective 4: Apply and extend previous understandings of arithmetic to algebraic expressions.
- Objective 5: Reason about and solve one-variable equations and inequalities.
- Objective 6: Understand ratio concepts and use ratio reasoning to solve problems.
- Objective 7: Solve real-world and mathematical problems involving area, surface area, and volume.
- Objective 8: Summarize and describe distributions.
- Objective 9: Develop understanding of statistical variability.
- Objective 10: Summarize and describe distributions.

Materials and Resources:

Required Materials:

- (1) Single Subject Spiral Notebook
- (1) Highlighter
- (1) Correcting Pen
- Pencils/Erasers

Recommended Materials:

- Ruler
- Compass
- Protractor
- Calculator (TI-30X)
- Colored Pencils

Classroom Donations:

- Tissues
- Dry Erase Markers
- Hand Sanitizer
- Graph Paper

Online Resources:

- Pearson **enVisionmath2.0** – Grade 6 – Student Edition Vol. 1 & Vol. 2
- www.PearsonRealize.com – Online management system for **enVisionmath2.0**
- lsc.cornell.edu/notes.html – The Cornell Note-taking System
- www.azed.gov/standards-practices/ – Arizona Academic Standards

Policies and Expectations:

- Absent:* **It is the student's responsibility to obtain any make-up work.** Students will have the amount of days they were absent, plus a day, to submit any make-up work.
- Tardy:* **It is the student's responsibility to be on time to class.** Emergency tardiness may be considered on a case-by-case basis.
- Homework:* **It is the student's responsibility to complete assignments on time.** Students must show work to get full credit.
- Late Assignments:* **One point, per day, will be deducted on any late assignments.**
- Food/Drinks:* **No food or drinks are allowed inside the classroom.** Gum is not allowed anywhere on La Cima Middle School campus. Water is allowed and is always provided in the classroom.
- Cell Phones:* **Cell phones are not allowed in the classroom.** Phones may be confiscated at the teacher's discretion.
- Test Re-takes:* **Students may re-take ANY test one time.** Students must re-take a test before the next test is given. Re-takes must take place before school, after school, or during lunch.

- Cardinal Code:*
1. **Be Positive**
 2. **Be Respectful**
 3. **Be Ready to Learn**
 4. **Be Safe**
 5. **Be a Problem Solver**

Cardinal Pride Tickets: **Positive examples of the Cardinal Code are reinforced through earning ‘Cardinal Pride Tickets’.** These are earned at the teacher’s discretion and are in addition to daily praise in the classroom. Tickets can be used in classroom drawings for prizes and/or used to buy prizes. (*Only for Dr. Carson’s classroom/assignments and drawings are done at teacher’s discretion.)

Potential Prize Awards Include:

- Homework Pass for 1 Assignment
- Note-taking Pass for 1 Lesson
- Call/Note Home for Positive Cardinal Character
- Class Decides a Reward!

Reinforcement Steps: **It is the student’s responsibility to maintain positive behavior.** The positive behavioral support steps include:

1. *Verbal reminder of Cardinal Code*
2. *Teacher/Student Conference w/ Behavior Plan*
3. *Parent/Student/Teacher Conference w/ Behavior Plan*
4. *Office Referral*

Grading:

Grade Breakdown:

- Class/Homework – 40%
- Assessments – 40%
- Notebook – 20%

Grade Scale:

- A = 90 – 100%
- B = 80 – 89%
- C = 70 – 79%
- D = 60 – 69%
- F = 50 – 59%

I have read and understand the descriptions outlined in the syllabus for 6th Grade Resource Math 2020-2021. If I have any questions, comments, or concerns, I will contact Dr. Carson directly.

STUDENT: _____

DATE: _____

PARENT: _____

DATE: _____

Please return signed portion to class. Thank you!