

Welcome to Ms. Green's Online Fraction Unit

Syllabus:

This series of lessons will take you from an introduction of fractions all the way to performing calculations (addition, subtraction, multiplication, and division) with fractions.

You may e-mail me at sgreen@atafordpas.org

Each student is expected to complete all assignments as described in each lesson plan. Each student will be assessed by the materials that he/she turns in.

The **learning goals** for the fraction unit are:

- Efficiently compare and order fractions; determine their approximate locations on a number line.
- Use area models to represent multiplication of fractions.
- Create and solve contextual problems that lead naturally to the addition, subtraction, multiplication and division of fractions.
- Solve problems involving the addition, subtraction, multiplication, and division of mixed numbers.
- Understand ratio as a fraction used to compare two quantities by division.

The **learning outcomes** for the fraction unit are:

- Students will perform computations with fractions.
- Students will create a set of flash cards with rules/steps for working with fractions.
- Students will design a demonstration using video to model adding and subtracting fractions
- Students will create a recipe that models how to multiply and divide fractions

The schedule is as follows:

- Week 1: Complete Unit Pre Test, Lessons 1 & 2
- Week 2: Complete Lessons 3, & 4
- Week 3: Complete Lessons 5 & 6
- Week 4: Complete Mid- Unit Project
- Week 5: Complete Lessons 7 & 8
- Week 5: Complete Lessons 9 & 10
- Week 6: Complete Lessons 11 & 12
- Week 7: Complete Final Project
- Week 8: Complete Unit Post Test

Assignments/Activities:

For this online unit each student is responsible for the following:

- Make flash cards as indicated for each lesson
- Take notes on Lesson PowerPoint Presentations
- Print, complete, and check all practice worksheets as indicated for each lesson
- Participate in Weekly Discussion Board Activities
- Create and utilize a blog to communicate with team members
- Complete each online quiz and print out / take screenshots of quiz results
- Turn in flash cards, worksheets, and quiz results at the end of each week

The **Methods of Assessment** are:

- Weekly quizzes
- 2 real world projects (mid unit and end of the unit)
- Unit pre and post exam
- Weekly discussion board posts ([see Rubric Here](#))
- Weekly blog posts ([see Rubric Here](#))

Grading Scale

There is no curve. Grades will be determined based on the total number of points earned. The scale is as follows:

A = 93% -100%	C = 73% -76%
A- = 90% -92%	C- = 70% -72%
B+ = 87% -89%	D+ = 67% -69%
B = 83% -86%	D = 63% -66%
B- = 80% -82%	D- = 60% -62%
C+ = 77% -79%	F = 0% - 59%

Ms. Green's Communication Policy

A critical component of a Web-based class is communication. Students are responsible for securing access to the Internet, checking email regularly, and using communication technology to meet the expectations of this course.

How your instructor will reach you:

Ms. Green will use the [Moodle home page](#) as the primary means of communicating with students on a day-to-day basis. Remember you must log in using the Moodle key on the top right corner of ATA's web site. Information posted on this page will include general announcements, instructions for attending the Webcasts, tips, answers to frequently asked questions, and links to additional resources you might find interesting. You should check the course home page every day.

You will also receive periodic emails from your instructor providing reminders, instructions, and general feedback on assignments.

Discussion forums

Because a discussion board enables others to see your input, Ms. Green asks you to follow these guidelines:

- Please focus your ideas and thoughts on the weekly discussion board using our moodle account.
- Please protect your privacy and the privacy of others by not sharing personally identifiable information on this discussion board.
- All communication should relate to academics. Please be respectful of your fellow students. Any discussion post deemed inappropriate will be immediately taken down and disciplinary action will follow.

Blogs

You will be required to set up a blog for open class discussions. You will share ideas and strategies you found successful for solving fractions. This will be a group project and you will be required to post comments on each of your group member's blogs. Remember the things you post here can be seen by everyone in the class. Be mindful of this and follow the same guidelines as the discussion forums.

Email

Please remember to **sign your name on every email you send to Ms. Green!** I have a lot of students, and it takes time to determine who you are when all I get is dancinggirl.kid07@atafordpas.org over and over again.

If at any time you feel you need to contact me please feel free to email me at sgreen@atafordpas.org or you can reach me during regular school hours at 313-625-4700.