RampUp4Algebra Summer 2020

Class Description

This course is for students who already have a solid foundation of integers, fractions, and decimals but need to review their Pre- algebra skills. In this class, students will practice combining like terms, factoring, solving algebraic equations, using rules of algebraic exponents, calculating radicals, FOIL, and graphing linear equations. This class is great for a student who has completed Pre- algebra but needs to improve their algebraic skills. It is also good for a student who wants to review algebra skills before going to into Algebra I.

Grades: **~ 7**-8-9
Day & time of Class: (July 6 – July 30) *Mon. Tues. Wed. & Thurs. 11:00 am – 12:00 pm EST*
Semester: Summer (4 weeks = 16 sessions)
Instructor's Name: Elisabeth Rainey
Instructor's Email: erainey@myfunscience.com
Instructor's Phone: 919-264-6799
Textbook: none (PDF printable worksheets provided)
Additional Supplies/Resources Needed:
headset, microphone, 3 ring binder, lined notebook paper, pencil, colored pencils, printer

Technical Information: Students will need internet access to participate in the live online classes and to access the class pages online. A headset is preferred, but students will need working audio at a minimum for classes.

Your Online Class: This online course is delivered online using **Adobe Connect** for our live class meetings and the Learning Management System **PowerSchool** for all other course interaction. This class contains synchronous (live) and asynchronous (anytime) components.

Synchronous: Classes will meet live for one daily, 60-minute online session to include lecture, discussion, and assignments, and individual and collaborative activities in real time with the teacher and with classmates. While class attendance is not required, there will be assignments, activities, and quizzes held during class that failure to complete could have an impact on the final grade. Class participation and the opportunity to ask questions and interact with classmates is a significant part of ensuring that students get the most out of the virtual learning experience.

Asynchronous: From the Learning Management System, PowerSchool, students may access all class resources. Class pages may be accessed anytime and will include summary information and recordings from live sessions for students who miss class or who would simply like to review a session. Students will also find links, assignments and grades, enrichment content, videos, and other tools and information on class pages to facilitate class interaction and ease of use.

Attendance Policy Presence: Students are strongly encouraged to attend live classes but are not required to attend live classes. However, students who do miss a class, for whatever reason, will be responsible for viewing the class recording and completing assignments. Recordings of each class are usually available within 24 hours of the class meeting and may then be accessed 24/7 from the course class pages. Students may also review recorded classes at any time.

Participation: Active participation is essential for maintaining the best learning environment. It is also a fun part of learning. Students are not required to attend classes live, but students who do

are expected to engage with the teacher and with each other. Outside of live sessions, students are expected to log on and visit the class pages to see and contribute to new content, activities, or assignments. There, students may review class material, keep up-to-date on announcements and assignments, and verify that there have not been any changes to the class calendar and/or agenda.

Class Conduct: Students should conduct themselves in a worthy and appropriate manner, which includes behaving respectfully and politely to each other and the teacher. In both live and asynchronous class activities, students should strive to stay on task and on topic, to use appropriate language, and to be gracious in speech and conduct toward others. Students who are unable to adhere to this type of conduct may be separated from the class, removed from the session if it continues to occur during a live class session, and will eventually result in parent notification if the behavior is disrupting the class.

Daily Homework: Students will be given 1 homework assignment, such as a worksheet or internet activity, to complete before the next online class. Homework should not be stressful; it will be a review of the topics covered during our online class. Homework will be given as handouts and/or online assignments.

Homework Policy: The goal of homework is to reinforce and explore the concepts that were taught in class. This is a linear class, which builds on topics from the previous lesson. Therefore, students will need to keep up with assignments. Contact me if your assignments will be late. I will work with you.

Evaluation:

Live Class Participation	10% of final grade
Daily assignments (4 per week)	20 % of final grade
Weekly quiz	30% of final grade
Tests	40 % of final grade
	100% Final

Grading Scale:

100-90:	A
89-80:	B
79-70:	C
69-60:	D
59 – 0:	No effort: F

Anticipated Weekly Course Schedule:

Day 1 – Mon. July 6 – Review of Integers, Fractions, and Decimals
Day 2 – Tues. July 7 – Combine Like Terms, Evaluate Expressions, Solutions of Equations, Write Expressions and Equations, Solve Simple Equations
Day 3 – Wed. July 8 – Solving Simple Equations, including Geometric Equations
Day 4 – Thurs. July 9 – Solving More Complicated Algebraic Equations
Day 5 – Mon. July 13 – Review for Test 1 – Expressions/Solving Equations
Day 6 – Tues. July 14 – Radicals and Rules with Algebraic Exponents
Day 7 – Wed. July 15 – Rules with Algebraic Exponents continued and FOIL
Day 8 – Thurs. July 16 – Beginning Factoring
Day 9 – Mon. July 20 – Factoring
Day 10 – Tues. July 21 – Review for Test 2 – Radicals, Exponents, FOIL, and Factoring
Day 11 – Wed. July 22 – Graphing Linear Equations
Day 12 – Thurs. July 23– Graphing Linear Equations
Day 13 – Mon. July 27 – Solving a System of Linear Equations
Day 14 – Tues. July 28 – Systems of Linear Equations
Day 15 – Wed. July 29 – Review for Final Exam Graphing Linear Equations
Day 16 – Thurs. July 30 – **Test 3** Final Exam - Cumulative