

Algebraically Speaking...

Bringing Math back to Life!

Contact:

Kim Patrick – Math Teacher/Tutor
6009 Hollow Drive
Woodstock, GA 30189
algebraicallyspeaking@gmail.com
(678) 464-9848
www.algebraicallyspeaking.com

Homeschool classes offered for Fall 2021:

- Basic Math (meets 1hr 2x/wk) – not scheduled this year – call if interested in forming class (Basic Math is a Pre-pre-Algebra class, typically 6th or 7th grade).
- Pre-Algebra (meets 1hr 2x/wk) – day1) M 11:00-12:00 & day2) W 11:35-12:35
- Algebra 1 (meets 1hr 2x/wk) – day1) W 3:00-4:00 & day2) F 9:30-10:30
- Algebra 1-A (meets 1hr 2x/wk) –not scheduled this year, call if interested in forming class (Algebra 1-A is the first year of a 1 year course covering Algebra 1 course content)
- Algebra 1-B (meets 1hr 2x/wk) –not scheduled this year, call if interested in forming class (Algebra 1-B is the second year of a 2 year course covering Algebra 1 course content)
- Geometry (meets 1hr 2x/wk) – day1)M 1:45-2:45 & day2)W 1:45-2:45
- Algebra 2 (meets 1.25hr 2x/wk) - day1)M 9:30-10:45 & day2)W 10:00-11:15
- Algebra 3/Trig (meets 1hr, 2x/wk) – not sched. this year, call if interested in forming class (Alg3/Trig = Pre-Calculus – same curriculum content)

Curriculum used: (Textbooks, Solutions, & some DVD's available for rental)

- Basic Math – Chalkdust
ISBN: 978-1-439-04696-8 (Student Text)
ISBN: 978-0-538-49386-4 (Worked Out Solutions Manual)
ISBN: 978-0-547-11850-5 (Instructional DVD set)
- Pre-Algebra – Chalkdust
ISBN: 978-0-618-95688-3 (Student Text)
ISBN: 978-0-618-96673-8 (Worked Out Solutions Manual)
ISBN: 978-0-618-37270-9 (Instructional DVD set)
- Algebra 1** – Chalkdust
ISBN: 978-0-547-10227-6 (Student Text)
Soft Cover International Version is fine (& cheaper 😊)
ISBN: 978-0-547-14011-7 (Worked Out Solutions Manual)
ISBN: 978-0-618-75396-3 (Instructional DVD set) set covers Alg1&2

- Geometry** – McDougal Little
 ISBN: 978-0-618-59540-2 (Student Text)
 ISBN: 978-0-618-73664-5 (Worked Out Solution Key)
- Algebra 2** – Chalkdust
 ISBN: 978-0-547-102177 (Student Text)
 ISBN: 978-0-547-140193 (Worked Out Solutions Manual)
 Soft Cover International Version is fine (& cheaper 😊)
 ISBN: 978-0-618-75396-3 (Instructional DVD set) set covers Alg1&2

- Algebra 3/Trig** – Chalkdust (Houghton Mifflin)
 ISBN: 978-0-618-64321-9 (Student Text)
 ISBN: 978-0-618-64326-4 (Complete Worked Out Solutions Manual)
 ISBN-10: 0618643230 (alternative – odd solutions)
 ISBN-13: 978-0618643233
 ISBN: 978-0-618-64318-9 (Instructional DVD set)

****Student to purchase Graphing Calculator.**

Recommended models:

- TI-84 Plus CE (newest model – color) **prefer
- TI-84 Plus C Silver Edition (color)
- TI-84 Plus Silver Edition (b/w)

Other graphing calculators will suffice. Keystrokes may vary- can make keeping up in class more difficult. (Used TI-84's are easily found on Amazon.com for about \$60-90.)

Also, watch for back-to school sales. I've seen CE's as low as \$89.

Tuition:

Tuition is \$105/mo.

Tuition is paid Aug-May (29 classes/semester).

Class size will be capped at 8.

Private Tutoring:

- Private Tutoring available to registered students at a discounted rate of \$40/hr
- Regular Tutoring rate is \$50/hr

Independent Study Option:

- Website access to prerecorded class videos – students work independently at their own pace

**** [See the A.S. Services Offered & Fee Schedule document to determine the best fit option for your student](#)**

School Year:

Generally, Mid Aug – Mid May: specific dates to be determined.

My teaching philosophy:

I want students to **love** learning.

I believe in having **FUN**.

I believe in **EXCELLENCE**.

I believe they are all possible.

I do my best to make it so.

Thoughts on Two Class Days/Wk vs. one day/wk:

Both days will be regular class instruction days. I feel that this will benefit the students best. This way we won't be trying to cram a week's worth of instruction into 1 hr of class time and have little to no time for the students to work problems, applying what they've just learned. I like the format of: teach a concept, students work problems, teach another concept, students work problems. This will help them to absorb the material more efficiently, as a given class can focus on 1/2 of the week's material.

Thoughts on curriculum and math courses...

What I prefer about Chalkdust:

1. Availability of teaching DVD - this is a big deal with many homeschooled students.
2. Instructional format of Chalkdust offers Examples followed by "you try it"
3. Chalkdust offers accelerated problems - top notch math education, nothing watered down.
4. Honors course is easily adaptable with Chalkdust.
5. Plenty of problems to work, if needed.

Graphing Calculator Usage:

I am a big believer in the use of a graphing calculator. I start students in Alg 1 using this tool - a lot. I want them to understand what a concept is from multiple perspectives, and how to answer a question using multiple methods...how things fit together: The relationship, the equation, the graph, input/output, etc... This creates a better overall understanding. My goal is to prepare them for taking the ACT/SAT, and then college math. The graphing calculator is very *NOW*. It is allowed on the ACT/SAT, and a student would be very disadvantaged if they didn't use it. It's amazing all that can be done on it. The same graphing calculator we use is what is used all through college, (at this point :)). Unfortunately, many homeschool math programs have been slow to incorporate the use of a graphing calculator... That's my soapbox. :)