

Geometry

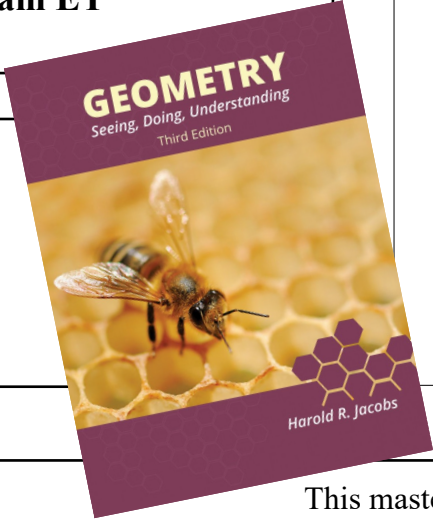
Mrs. Barnosky
Mondays @ 11am ET

Geometry: Seeing, Doing, Understanding (Third Edition) by Harold Jacobs (ISBN 9781683440208) and “Answers to Exercises for Geometry” (ISBN 9781683440215)

Talk to me!

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Input = Output

You know those classes where you just show up and the teacher pours information into your brain? This is *not* that class! I will do everything in my power to make your learning easier – from automated quizzes to review games and interactive feedback.

You, however, will need to step up... and keep up with your work load. If you come to class prepared, you'll get *much* more out of it!

Be present ~ attend class (or watch the recording)
Be diligent ~ work hard, don't just check boxes
Be active ~ log in regularly and participate fully
Be clear ~ communicate regularly with your classmates, your parents, and your instructor

• **Study** •

This mastery-based class “integrates discussions, cartoons, anecdotes, examples, and plenty of exercises. With a greater emphasis on problems, rather than long introductory instructions, **this is a great text for learning-through-doing.**” Topic include: “lines, angles, direct and indirect proofs, congruence, inequalities, parallel lines, quadrilaterals, transformations, area, similarity, triangles, circles, concurrence theorems,” and more. This is a rigorous and challenging course. . . but worth it! Students will be challenged to reason mathematically and apply that reasoning to a wide range of real-world problems. This focus on mastery builds a solid foundation for future math, science, and engineering classes.

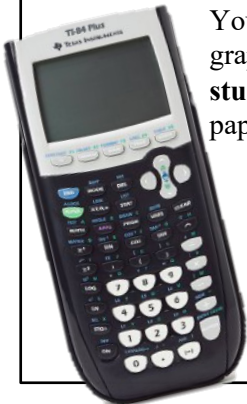
“If people do not believe that mathematics is simple, it is only because they do not realize how complicated life is.” John von Neumann

Be Prepared

You will need a textbook, scientific (or graphing) **calculator**, **protractor**, and **sturdy compass**, notebook, paper, graph paper, writing implements, et cetera.

Come to class prepared:

- with your textbook and homework
- with your tools
- ready to engage and focus
- with respect and kindness



Quizlet?
flash cards?
printables?
activities?
games?

Join!





Do you have technology questions?

Contact My Fun Science Tech Support at:
<https://myfunscience.com/contact-us/>

There are other great resources at:
<https://myfunscience.com/student-orientation/>



PowerSchool Learning (PSL) Classroom

The asynchronous (anytime) components of our class are located within our PowerSchool Learning classroom. It is accessible 24/7, and includes a wealth of resources to encourage and inform student learning. If you're chatting with an old timer, they might refer to PSL as "the Learning Management System formally known as Haiku."

- The **Welcome** page contains a link to our classroom, announcements, and syllabus.
- The **FAQ** page hosts several resources. Just click on the "greater than" sign to expand.
- Weekly** pages contain a block summarizing all work expectations for the coming week. This is the "**one block to rule them all!**" Each page also contains the recording of our live class as well as links to that week's class recording, resources, assignments, assessments, and discussions! Often there's "extra" material that's available for further learning or fun.

Be sure to monitor your "Gradebook" tab! Your **settings** are in the upper right-hand corner :)

Welcome!
> [F.A.Q.]
Week 21 ~ Feb 13 :)
Week 20 (Feb 6)

T.e.c.h.n.o.l.o.g.y T.o.o.l.s.

Zoom Meeting

Our synchronous (live) class meetings will take place within a Zoom meeting room. We will meet for a single ~ 90-minute class session each week. Attendance is optional but strongly encouraged. Live classes will include lectures, discussions, games, simulations, and both individual and group activities. The ability to interact with classmates and ask me questions in real-time? Priceless!

You need:

- Stable Internet connection (2-5 Mbps download speed minimum)
- Solid audio functionality (preferably with microphone)
- Flexibility (most glitches are easily solved with an update or cache clearing)

Zoom has a great support page at <https://support.zoom.us/hc/en-us/categories/200101697-Getting-Started>. Please visit Zoom's test classroom (<https://zoom.us/test>) in order to install the Zoom software and configure your settings. Please use your first name and state as your Zoom name, ie "Buffy - CA" or "Clark - KS."



Syllabus revision date:
05-07-2020

Fall 2020

Classes Start: *Week of August 17th*

Fall Break: October 5-9

Thanksgiving Break: November 23-27

Classes End: *Week of December 7th*

Spring 2021

Classes Start: *Week of January 11*

Spring Break: February 22-26

Easter Break: March 29 – April 2

Classes End: *Week of May 3*



Absence? Illness?

Missing Class? No problem! That's why I post the recordings. You are responsible for announcements and content. . . whether or not you are present for our live class meeting :)

Merriam-Webster defines an **emergency** as "is a serious, unexpected, and often dangerous situation requiring immediate action." If you are stricken by **illness** or emergency, please have a parent contact me as soon as possible. I will offer what grace I can.

Vacations, part-time jobs, and busy schedules are *not* considered emergencies. Plan ahead and contact me *ahead of time* with specifics if you would like a schedule accommodation. I'll do what I (reasonably) can :)

Scope & Sequence

Class 1	Intro & 1.1 - 1.3
Class 2	1.4, 1.5, Ch1 Reviews
Class 3	
Class 4	
Class 5	
Class 6	
Class 7	
Class 8	
Class 9	
Class 10	
Class 11	
Class 12	
Class 13	
Class 14	
Class 15	
Class 16	
Class 17	
Class 18	
Class 19	
Class 20	
Class 21	
Class 22	
Class 23	
Class 24	
Class 25	
Class 26	
Class 27	
Class 28	
Class 29	
Class 30	Rev', ~Euclidean Fun, Test (Ch. #15)



We will spend our class time on fun, interactive learning and leave the "talking head" lectures at home!

We *will* dig in to new topics in class, with direct instruction and demonstration, but I will *also* provide topic-specific resource videos for each lesson. This makes it easy for students to review. . . . or even just get a different perspective.

You are responsible for reading, taking notes, and studying each lesson and its vocabulary.

"For God has not given us a spirit of timidity, but of power and love and discipline."

2 Timothy 1:7

- Tests -

There will be Chapter Tests every few weeks, as noted on our schedule. They will be *generously* timed and open for three (3) days.

Don't panic! Just understand (and memorize) formulas and definitions. Study your notes. *Practice your skills.* Work the Chapter Review and study guide. Review your quizzes. . . and ask questions!

Tests will have both "computer graded" and "hand-graded" components... **prompt submission of your test work is required for full credit.**

Grading Policies

- Quizzes -

Quizzes are for you. They tell you whether you *really* know what you *think* you know! Every week there's a *short* quiz covering the previous week's lessons.

Quizzes are generously timed, open for a full week... and you can take them a second time!

Study smart. If you are still looking back at your notes or textbook in order to get through the homework problems, you're just not ready. Practice. Study. Ask.

Once complete, you may use the password "review" in order to see your, and the correct, answers. *Quizzes are a great way to focus your studying and ensure mastery.*

Academic Dishonesty

Every academic and professional environment takes issues of cheating and plagiarism *very* seriously. Do not "Google" the test questions or submit another person's work as your own. Do not copy from the answer key. Do not use Desmos or your cell phone. Refer to Plagiarism.org for more information.

Do not lie about your homework completion.

If I find evidence that cheating or plagiarism has occurred, I will notify you and your parents and issue you a grade of zero on that assignment or assessment. If cheating, or plagiarism, occurs again, action will be taken *which could include dismissal from the course.*

A (100-90) B (89-80) C (79-70) D (69-60) F (0-59)

Do I drop the lowest grade in each category?

Yes. Yes I do.



Homework Check

Each week, for *each* lesson, you're going to attend class, read the textbook, and **take great notes.** Be sure to watch the resource videos as needed . . . and study your vocabulary as well!

This textbook is unique. There's a lot of "learning through doing." You'll want to answer questions (and then check them!) as part of the learning process.

It's all up to you.

1. Complete your textbook homework, showing **ALL** of your work. This homework is what fuels your learning. Be sure to check it... and rework any incorrect problems.
2. Take a Homework Submission quiz and earn 100%!
3. If you have questions or concerns on your homework, scan the relevant problem(s) and ask for help through your "Homework Help" one-on-one discussion forum.

There's a "Homework Submission" page on the website with examples and encouragement.

Remember:

Input = Output



YOUR GRADE

