

2018
-
2019

Geometry

Mrs. Barnosky

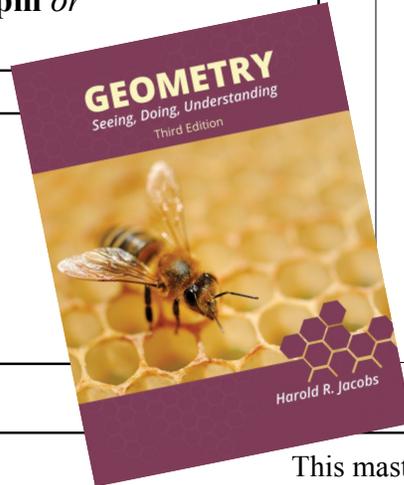
Mondays @ 9-11:30am or
Tuesdays @ 11:00am-12:30pm or
Thursday @ 9-11:30am ET

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

Talk
to
me!

1. bbarnosky@myfunscience.com

3. www.candlestarservices.com



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.

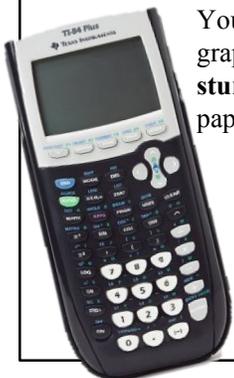
“If people do not believe that mathematics is simple, it is only because they do not realize how complicated life is.” John von Neumann

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!



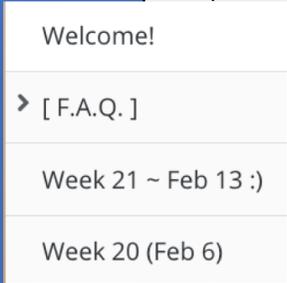
New for 2018 - 2019!

- ✓ More celebration of constructions,
- ✓ Modeled skills for test preparation and success
- ✓ “Growth mindset” learning and the power of puzzles
- ✓ Training in note-taking and how our book works
 - ✓ Weekly modeling of inductive reasoning skills
 - ✓ Decreased (and evened out) weekly work load
- ✓ Explicit training in real world “word” problems
 - ✓ Reworked homework grading scale for clarity



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 :)

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

Adobe Connect

Our synchronous (live) class meetings will take place within Adobe Connect. 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 a Flash update or cache clearing)

Please be sure that your computer and Adobe Flash is up-to-date before classes begin. You can test your Adobe readiness at https://na1cps.adobeconnect.com/common/help/en/support/meeting_test.htm . If you have questions, concerns, or issues related to class meetings or login, please chat with Adobe Support at <https://helpx.adobe.com/adobe-connect/kb/connect-chat-support.html> or send an email to Shawn@myfunsience.com.



Syllabus revision date:
04-29-18

- Tests -

There will be Chapter Tests every few weeks, as noted on our schedule. They will be *generously* timed and open for approximately 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... and **prompt submission of your test work is required for full credit.**

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.

Grading Policies

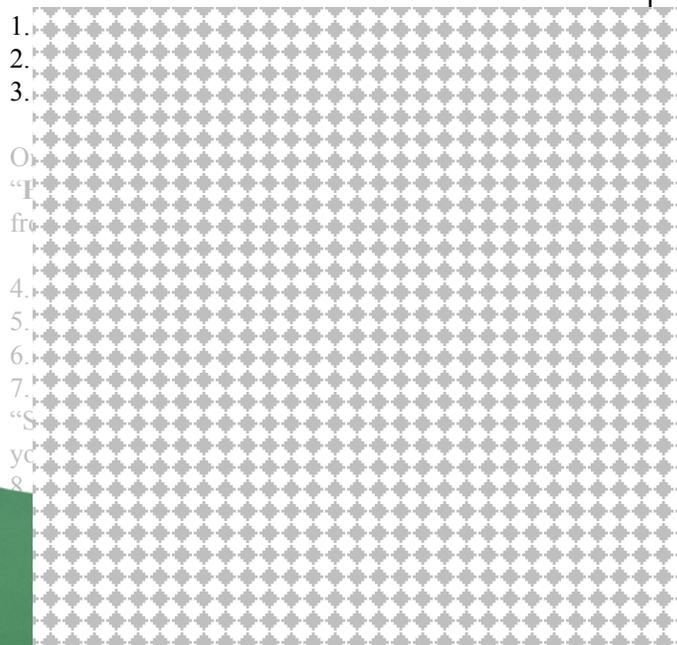
- Quizzes -

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

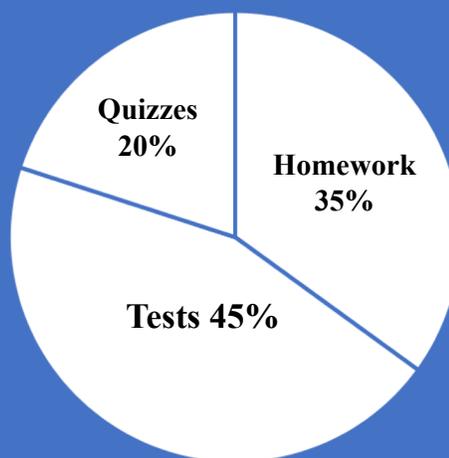
Every academic and professional environment takes issues of cheating and plagiarism *very* seriously. Do not "Google" the test questions or submit another person's work as your own. Do not copy from the answer key. Do not use Desmos or your cell phone. Refer to Plagiarism.org for more information.

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.*



YOUR GRADE



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