



Course 2 Math Syllabus
Ms. Boyer
bboyer@bfcsaz.com
www.bfhsboyer.weebly.com

SAXON OVERVIEW

Saxon Math's approach of distributed instruction, practice, and assessment gets results for today's standards, where mastery learning is required of all students. This approach makes the difference in helping junior high students master the standards and provides an understanding that lasts a lifetime.

A THREE-PART LESSON

Saxon provides a consistent lesson structure that enhances student mastery. The following format allows students to become comfortable with lessons and to know what to expect each day.

- ***WARM UP***
The Warm Up at the beginning of every lesson provides practice of those prerequisite skills, concepts, and vocabulary needed to be successful in that day's lesson.
- ***NEW CONCEPTS WITH LESSON PRACTICE***
Each day the New Concepts introduces a new topic through clear explanations and examples that build in-depth understanding and use a variety of methods and real-world applications.
- ***PRACTICE***
The distributed Practice provides students with a depth of understanding. Because students practice the same topic over several lessons, they have "time to learn" the concept and have multiple opportunities to show that they understand.

The integrated nature of Practice allows students to maintain and build on concepts and skills previously taught. By practicing problems from many lessons every day, students see how math concepts connect to each other and to the real world.

The distributed and mixed practice is unpredictable and therefore challenging. It mirrors the format of state tests.

ASSESSMENTS

- **END-OF-COURSE-EXAM**

The End-of-Course-Exam will be given at the *beginning* and *end* of the year to measure progress.

- **CUMULATIVE TEST**

Beginning after the first ten lessons, a Cumulative Test will be given after every five lessons. This helps the teacher to check for mastery of concepts from previous lessons. These concepts will be practiced several times before testing. Frequent testing allows for consistent assessment of student learning. We will review for the test at least one day beforehand.

- **Lesson Quizzes**

Lesson Quizzes will be a short quiz from a specific lesson. They will be given on block days, half days, or when there is a short lesson. There will be an average of two lesson quizzes per week.

- **Mid-Term/Final**

A semester exam will be given at the end of the first semester (Mid-Term) and is accumulative of the first semester and again at the end of the year (Final) which is also accumulative of the second semester. 20% of the semester grade is from the mid-term and final grade.

Semester Grades

Your semester 1 grade is calculated by:

40% Quarter 1

40% Quarter 2

20% Mid-term

Your semester 2 grade is calculated by:

40% Quarter 3

40% Quarter 4

20% Final

LESSONS

The first 20 lessons are review. These lessons should not be difficult. Please do not assume your child is misplaced if these lessons appear to be easy. Math is foundational and builds upon itself. It is necessary to fill in all gaps in the curriculum. Students should take the first 20 lessons seriously and work very hard to ensure that prerequisite skills are in place.

COURSE 2 GRADING POLICY

Tests.....	40% of the quarter grade
Quizzes.....	25% of the quarter grade
Participation.....	10% of the quarter grade
Homework/Classwork.....	15% of the quarter grade
Notebook.....	10% of the quarter grade

GRADING SCALE

Benjamin Franklin High School utilizes the following grading scale:

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

HOMEWORK POLICY

Homework will be assigned every night including weekends and holidays. Assignments will be due at the beginning of the class period on the deadline date. Thereafter, a 0% shall be given. No late work will be accepted. After 3 missing homework assignments in a quarter, a detention will be given in the form of mandatory tutoring, where all missing work will be completed. After that, a similar detention will be given for each missing assignment. Homework is graded on accuracy. All homework *must be* completed in pencil.

ABSENT AND LATE WORK

It is required that all assignments be completed. All students shall be provided two days for each day of absence to make up missed assignments. Work not completed by the assigned time shall be considered late. No late work will be accepted. Homework will be posted on the class website for your convenience - www.bfhsboyer.weebly.com. If you are going to be absent, please visit the website for your homework and class notes.

Assignments will be due at the beginning of the class period on the deadline date. Thereafter, a 0% shall be given.

PARTICIPATION

The term "class participation" is a bit of a misnomer. A more accurate term might be "Student Engagement" or "Scholarship." One of the greatest gifts we can bequeath to our students is the skill set that will set them up for success in their future academic endeavors. Consequently, this grade consists not only of participating in classroom discussions, but also: coming to class prepared, having homework and other assignments completed on time, listening attentively to the teacher and other students when they are speaking, having a good attitude, being on task, asking quality questions, delivering quality and thoughtful answers, etc. When a student employs these techniques and is incentivized to do so, their academic skill set improves and thus they experience success.

I want students to participate so they can learn from each other. We know that active involvement in learning increases what is remembered, how well it is assimilated, and how the learning is used in new situations. In making statements to peers about their own thoughts on a class topic, students must articulate those thoughts and also submit them to (hopefully constructive) examination by others. In listening to their peers, students hear many different ways of interpreting and applying class material, and thus are able to integrate many examples of how to use the information. Especially in a course that stresses application of material, extensive participation in class discussions is an essential element of students' learning.

Our job as educators is to take students - whatever level they may be - and move them forward. We use time honored and tested techniques to do so. College-prep schools that employ the Socratic Method also follow this formula - because it works!

What is a Class Participation Grade?

- Bringing required materials to class
- Having homework and other assignments completed on time
- Frequency and Quality of participation
- Prepared for classroom discussions due to having done his/her reading/studying
- Relevant comments based on assigned material
- Group dynamic is improved by student's presence
- Engaged in classroom discussion and able to give cogent answers when called upon
- Does not disrupt class and classroom discussion
- Any notes that are required are complete and neat
- Comments in class and possible disagreements with the teacher and other students are handled with maturity and sensitivity
- shows an interest in and respect for others' contributions

What Participation IS NOT

- Raising of the hand in an attempt answer every question whether or not you have anything of quality to offer
- Interjecting in class discussion purely to be "seen" or "counted"
- Talking incessantly, rambling or making tangential comments

What takes away from Class Participation?

- Coming to class ill prepared
- Being disrespectful to students or staff
- Disrupting the learning environment by actions or talking out of turn
- Belittles the opinions of others
- Not following the conversation and thus is not prepared to answer questions when called upon or is off topic
- Discourages and disrupts others that are attempting to participate
- Not taking notes
- Not having homework complete and thus not able to contribute to class discussion of said homework

REQUIRED MATERIAL

Each day, every student should bring with them:

- Agenda
- Many pencils (lead if mechanical)
- Erasers
- Red Correcting Pens (Many)
- 1.5" - 2" Binder (Math notebook to be brought to class everyday)
Binder is specific to math ONLY
- Dividing pockets with labels for Power Ups, Lesson Notes, Homework, Reteaches, Quizzes, and Tests and Test Reviews.
- Basic Scientific Calculator (does square roots, exponents) *~Purchase a very inexpensive one!*
- Highlighters

MATH NOTEBOOKS

Math notebooks are graded on neatness, completeness, and organization. Notebooks should include **POWER UPS, LESSON NOTES, HOMEWORK, RETEACHES, QUIZZES, TESTS and TEST REVIEWS**(each section separated by dividers). The notebook's worth depends on the amount of the before-mentioned items that are due at the time of testing.

INSTRUCTIONS & PROCEDURES

- Upon entering the classroom, immediately follow entering procedures and begin your warm up. When finished, remove your homework and be prepared to review it. Use your red pen to mark corrections on your homework.
- All assignments should be completed with a pencil and corrected with a red pen.
- Each assignment that will be turned in should have the proper heading in the upper right hand corner: Name, period, date, and lesson number.
- If you are absent you should check my teacher website, and if necessary, make arrangements to attend tutoring or schedule an appointment with me.

WEEBLY

You can find my teacher website at www.bfhsboyer.weebly.com. This website was created to keep both parents and students informed on what is going on in my class. My goal is to update this website two weeks at a time. On my website you will find homework assignments, class notes, school calendar, and other important information. My website is subject to change without notice at anytime.

(Cut on line and return signed portion only)

PLEASE SIGN AND RETURN BY FRIDAY, JULY 28, 2017

Ms. Boyer's Course 2 Math Syllabus

Your signature below ensures that you have read and understood the course requirements, procedures, and policies:

STUDENT'S PRINTED NAME: _____ Hour: _____

STUDENT SIGNATURE _____ Date: _____

PARENT/GUARDIAN SIGNATURE _____ Date: _____

PARENT EMAIL _____ PHONE # (____) _____