

NC Math 3/NC Math 3 Honors

2018-2019 SYLLABUS

Ms. Beth Biddle, Room S111/S110

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COURSE DESCRIPTION

In Math 3, students will pull together and apply learning from their previous courses. They will apply methods from probability and statistics to draw inferences and conclusions from data. Students will expand their knowledge of functions to include polynomial, rational, and radical functions. They will continue their study of right triangle trigonometry to include general triangles. Students will bring together all of their experience with functions and geometry to create models and solve contextual problems.

Daily participation is critical to success in this class. You cannot be a passive learner here if you want to get the most out of this course! I expect you to take part in your education – ask questions, help classmates, come for tutoring, and advocate for yourself.

Pay attention. Ask questions. Do your work. Attend tutoring as necessary. Be a responsible learner.

WEBSITE: <http://mathatdsa.pbworks.com>

On the website, find your teacher's name then click on "NC Math 3". This will direct you to the Math 3 class webpage. It contains daily assignments, contact information, tutoring schedules, and other important information. Mark this website as a "favorite" on your computer and be sure to visit it on a regular basis.

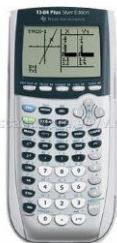
REQUIRED MATERIALS

Each student will need the following items

- 3 ring binder with notebook paper
- Pencils **AND** Pens or colored pencils for corrections
- TI-83, TI-83 plus, or TI-84 plus graphing calculator (4 AAA Batteries)

GRAPHING CALCULATOR

Each student **needs** to have a graphing calculator (TI-83+ or TI-84+). The TI-graphing calculator is used throughout the **entire** year to investigate mathematical concepts as well as in Math 2 and 3. Many assignment problems require the use of a graphing calculator, so it would be helpful for you to have your own. There are links on the class website to download calculator apps for use on home computers as well as on cell phones. I can also upload one onto a student's flash drive if necessary for use with a PC. Classroom calculators are not allowed to leave the classroom for any reason. **Please see Ms. Biddle if you have concerns.**



TUTORING

Each Math 3 teacher has set aside specific tutoring times. Any Math 3 student is welcome to attend any tutoring session. Our tutoring schedule is posted in my room and in the hall.

Day	Time	Teacher
Monday	4:15 pm – 5:00 pm	Ms. Shinn-Simpson S102
Tuesday	8:20 am – 9:05 am	Ms. Pace S107
Tuesday	4:15 am – 5:00 am	Ms. Biddle S111
Thursday	8:20 am – 9:05 am	Ms. Buchanan S110

GRADING

Assignments: 15%	Quizzes: 20%	Tests: 65%
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Tests will be graded on the 5 point rubric for accuracy. The 5 point scale is converted to a grade out of 100 as shown below.

Points	Rubric for Accuracy	Grade
5	Correct answer with correct work including units and required explanations	100 (CP) 100 (HN)
4	Correct process but has minor mathematical errors not related to standard being assessed	87 (CP) 80 (HN)
3	Correct approach but has minor mathematical errors related to standard being assessed	73 (CP) 60 (HN)
2	Approach is partially correct but solution process is flawed OR valid approach and correct result but does not address the standard being assessed	60 (CP) 41 (HN)
1	Correct answer with no supporting work, incorrect numerical answer with inappropriate work, OR incomplete work.	40 (CP) 21 (HN)
0	No answer or frivolous response is given	0 (CP) 0 (HN)

ASSIGNMENTS

Students may be assigned group, partner, or individual work in order to investigate or practice a mathematical standard. Classwork may be graded on completeness, so it is important that students are engaged and participate each day. Students will be given progress checks to assess proficiency on specific learning targets. Follow-ups will be assigned to help students improve their knowledge and will be graded for accuracy.

CORRECTIONS/REQUIZZES

Students must complete ALL Progress Check Follow-Up Assignments and attend a tutoring session (for at least 20 minutes) prior to correcting a Quiz. Once students have completed the required form and the teacher has approved their work, they will need to schedule a time to re-take their assessment with a Math 3 teacher. Retakes must be scheduled within 5 school days and completed within 7 school days of the original Quiz being returned. Only Quizzes can be retaken.

MAKE-UP WORK FROM ABSENCES

Students should make every effort to be in attendance every day. However, we all know that sickness and other events cause students to miss school. If a student is absent, they have five (5) days to make-up work they missed. (*Note: Assignments that were assigned when the student is present and due when the student was absent are expected to be completed and turned in when the student returns.*) A record of daily assignments is located in the "Class Minutes" Notebook kept in the classroom AND on the class website. Any handouts missed will be located in individually marked folders in the classroom with the student's name. It is the **STUDENT'S** responsibility to check the notebook and his/her individually marked folder upon returning to school to obtain all work/notes/handouts missed when absent from class. If a student is absent on a quiz/test day, it is the **STUDENT'S** responsibility to schedule a time to complete the quiz or test. Students should immediately check with Ms. Biddle if they have questions about an assignment.

GROUP WORK

The Math Department at DSA places a high value on the importance and necessity of working in collaborative groups. Therefore, we will be working in cooperative groups on a daily basis and students are expected to participate and be an asset to their group. The following is a list of some ideals:

- Communicating mathematical ideas to other members of the group
- Making mistakes and learning from them together
- Taking time to ensure that all group members understand
- Pushing the group to think deeply about the mathematics under investigation
- Reporting the group's progress to the whole class in a complete and interesting way

BATHROOM PASSES

At the beginning of each quarter (9-weeks), students will receive 3 bathroom passes each. Plan accordingly between classes/during lunch and use bathroom passes only for emergencies. Students must have a pass to use the bathroom. Bathroom passes may only be used during individual or group work times. **Do not interrupt class. Please notify Ms.Biddle immediately of any health issues that might necessitate using the bathroom more frequently.**

CLASSROOM EXPECTATIONS, NORMS, PROCEDURES AND POLICIES

You are expected to know and follow the rules outlined in your student handbook.

- Be in your seat and prepared to begin class when the bell rings. **The school tardy policy will be enforced.**
- **No cell phones, iPods, or other electronic devices that could be disruptive.**
- Cheating will **not** be tolerated. See the DSA Honor Code Philosophy.
- Inappropriate language (verbal or written) will NOT be permitted.
- **Respect the rights of others to learn and teach.**
- **No eating/drinking in class.** Gum and water are permitted.
- Sleeping will not be tolerated.
- Make mistakes and learn from them.
- Listen to others' ideas. Disagree with ideas, not people.
- Do your best and be kind to one another!

PREREQUISITES FOR NEXT YEAR (PLANNING AHEAD)

- In order to enroll in Honors Pre-Calculus, students must have an 84+ in Math 3 Honors or a 90+ in Math 3.
- In order to enroll in Honors Discrete Math, students must have a 75+ in Math 3 Honors or an 85+ in Math 3. (or an 80-84 in Math 3 with teacher recommendation)
- A student will enroll in AFM if the student passes Math 3 and does not meet criterion for an Honors level math.

WHAT CAN YOU EXPECT FROM MS. BIDDLE???

The majority of this syllabus is related to my expectations of you. But, just as important, what can you expect from me? As your math teacher, I will be prepared every day with quality lessons to help you succeed in math class. I will establish classroom procedures to help you do your best and provide a safe and enjoyable learning environment. I will develop systems to help students organize their work and effectively study for assessments. I will hold students accountable for their actions and set high standards for achievement. I will create a friendly classroom where students feel safe and comfortable asking for help so that they can reach their highest potential. 😊

MS. BIDDLE'S WISHLIST: Any supplies would be greatly appreciated!

Tissues
Hand Sanitizer
Dry Erase Markers
AAA Batteries
Tape/Glue Sticks
Band-aids

Post-It Notes
Highlighters (yellow, blue, pink are preferred)
Brightly Colored Copier Paper
Colored Cardstock
Colored Pens (green, purple, red, etc.)
Gift Cards to any office supply store



Detach this page. Fill out the information below, sign, and return to Ms. Biddle. Keep the rest of the syllabus for your own reference throughout the year.

Student Name:

Student Signature: I have read and reviewed this syllabus.

Parent/Guardian Name:

Parent/Guardian Signature: I have read and reviewed this syllabus.

****Please also complete Ms. Biddle's Parent/Guardian Contact Information Form found on the class website, ncmath3atdsa.wordpress.com.**

If you cannot access the online form, please fill out the information below.

Email:

Phone:

If there is any other information that you would like to share, please feel free to do so in the space below.