



**College Prep Math (Pre-Alg, Geom, Stats)**  
**Mrs. Anne Wind**  
**Room 102 – 8<sup>th</sup> Grade**  
**Email: [AWind@birmingham.k12.mi.us](mailto:AWind@birmingham.k12.mi.us)**

**Topics to be covered this year....**

- |                                   |  |
|-----------------------------------|--|
| Equations                         | Functions                                |
| Transformations                   | Real Numbers and the Pythagorean Theorem |
| Angles and Triangles              | Volume and Similar Solids                |
| Graphing/Writing Linear Equations | Data Analysis and Displays               |
| Systems of Linear Equations       | Exponents and Scientific Notation        |

Students will be learning a new concept each day. Do not be surprised if there are days in which they are confused on more difficult topics. This is normal ☺. The harder topics will take more time to conquer, with multiple days worth of practice. If your student is struggling on a particular topic, please be sure he/she takes advantage of the free Big Ideas video tutorials app, as well as setting up special time to meet with me. The goal, of course, is that they will understand over time with practice and effort.

**TEXT**

Houghton Mifflin Harcourt, *Big Ideas Math (blue)*

**Future Math Track**

GRADE	8TH	9TH	10TH	11TH	12TH
COURSE	C.P MATH	Integrated 1	Integrated 2	Integrated 3	PRE-CALCULUS

**\*\*"Opportunity to Accelerate" offered at Seaholm and Groves**

**HOMEWORK**

Homework lays the groundwork for success in math. I will often tell the students, ***"Mathematics is a subject, not about watching, but about DOING."*** The practice of independent problem solving in math through nightly homework is so beneficial to students' learning. It helps them to realize the concepts in which they are strong, and which items require more explanation and practice. It is expected that each student put forth maximum effort on these assignments. The following are main points about homework:

- Plan on nightly homework assignments.
- I like the homework to be done in the same notebook as we use in class (so students have access to all notes and examples on a topic to aid them when I'm not there).
- All homework is to be completed in pencil and errors are to be corrected (preferably in a different color) next to each problem.
- A great deal of time is spent in class going over the previous night's homework. Often, homework problems lead the student to the new concept of the day. Students are asked to attempt every problem by writing each problem down and showing some "written evidence" of their effort.
- Homework will be checked daily for completion. Each assignment is worth 3 points.

To access the homework calendar, and other resources, online, please follow these steps:

Go to the Derby school website: [www.derby.birmingham.k12.mi.us](http://www.derby.birmingham.k12.mi.us) → "Classrooms" → "Wind, A"

**NOTES**

Students are expected to take notes and do example problems from the daily lesson. It is expected that students refer to their notes for help in completing homework problems.

Students use a non-spiral notebook to take notes and organize it by chapter, section, and concept. These notebooks are a great resource for students, and are a way for students to sharpen their organizational skills and habits. Notebooks will be evaluated on a random basis to be sure students are organizing their class notes properly.

**ABSENCES**

If a student is absent he or she must make up any missed assignment. It is a good idea to call another student for clarification of the day’s work and assignment, and/or use the online homework calendar for reference. Due to the availability of the online calendar, students are expected to keep up with the work as much as possible when absent.

It is the student’s responsibility to be sure that all missed assignments/tests/quizzes due to an absence are taken care of promptly.

**GRADING**

**Chapter Tests..... (60-100 pts. each)**

**Quizzes ..... (15 – 60 pts. each)**

**Homework..... (3 – 5 pts each)**

**Projects..... (30-50 pts each)**

The following breakdown will be used to determine grades:

<b>93-100% A</b>	<b>88-89.9% B+</b>	<b>78-79.9% C+</b>	<b>68-69.9% D+</b>	<b>59.9% &amp; below E</b>
<b>90-92.9% A-</b>	<b>83-87.9% B</b>	<b>73-77.9% C</b>	<b>63-67.9% D</b>	
	<b>80-82.9% B-</b>	<b>70-72.9% C-</b>	<b>60-62.9% D-</b>	

**EXTRA HELP**

I open up my room by appointment at lunch for students to come in and get help. Many times (not all) on the morning of a TEST I offer a review session for any and all to come feel some extra confidence going into a test. Students should never hesitate to ask me for extra help – that’s why I am here 😊

Please feel free to contact me at anytime with questions or concerns. The most preferred, and easiest, way to reach me is via email!

After you have reviewed the course syllabus with a parent/guardian, please sign below and return to Mrs. Wind no later than Friday, Sept 7. Please let me know if you have any questions.

Looking forward to a great year!

Student Signature: \_\_\_\_\_

Parent Signature: \_\_\_\_\_