



# Darnell-Cookman Middle/High School Syllabus

**Course Title:** M/J Accelerated Math Grade 6

**Instructor's Name:** Mrs. Kathryn Elizabeth (Beth) Schrader

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**Darnell-Cookman Mission Statement:** To prepare students for collegiate success through a rigorous college preparatory curriculum integrated with professional medical standards emphasizing integrity, the pursuit of academic excellence, and a passion for life-long learning.

**Honor Code:** Students at Darnell-Cookman Middle/High School, School of the Medical Arts will be expected to uphold the four standards of our school and place high value on intellectual rigor and academics.

- **Honesty** – When students practice honesty, the result is fairness for everyone.
- **Respect** – Respect is treating others as we would like to be treated. In an environment of respect, work we call our own, is our own.
- **Responsibility** – Responsibility is the quality of being accountable for our actions and accepting the consequences of our actions.
- **Integrity** – Integrity is a commitment to a value even when others are not present to witness it.

Enrollment at Darnell-Cookman Middle/High School requires a commitment to these principles. Students are expected to acknowledge fully and in detail the work, thought, or ideas of another person if incorporated in work submitted for assessment; to submit separate pieces of work in fulfillment of the requirements of different components (i.e. research papers); to ensure that the work is their own and is never given to another student in any version (hard copy or electronic) knowing that it might be submitted for grading as the work of another student.

In order to prevent a student from gaining an unfair advantage, these behaviors will result in the following:

- 1) **Grade of zero** – all students involved will earn a zero for the work and/or referral to Dean
- 2) **Documentation**– the incident will be recorded and a parent conference will be held

**Introduction and Course Description:** As an M/J Accelerated Math Grade 6 student, you will be presented with challenging content that builds on your prior knowledge, but also propels you into the next grade level. Content will be presented to students in an engaging and fun way. Many helpful resources will be utilized throughout the course to ensure students are being challenged mathematically. The Mathematical Practice Standards apply throughout each course and, together with the content standards, students will experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. The Duval County Accelerated Math Grade 6 curriculum includes 6<sup>th</sup> and 7<sup>th</sup> grade standards.

## Course Outline:

### Unit I

Grade 6 Module 1: Integer Concepts  
Grade 7 Module 3: Adding and Subtracting Integers Using a Number Line  
Grade 7 Module 4: Adding and Subtracting Integers  
Grade 6 Module 2: Rational Number Concepts  
Grade 6 Module 3: Fraction Division  
Grade 6 Module 4: Fluency with Multi-Digit Decimal Operations  
Grade 7 Module 5: Multiplying and Dividing Natural Numbers  
Grade 7 Module 6: Solve Multi-Step Problems Using Rational Numbers

### Unit II

Grade 6 Module 5: Ratios and Rates  
Grade 6 Module 6: Apply Ratios and Rates to Measurement  
Grade 7 Module 1: Proportional Relationships  
Grade 6 Module 7: Understand and Apply Percent  
Grade 7 Module 2: Proportional Reasoning and Percent

### Unit III

Grade 6 Module 8: Numerical and Algebraic Expressions  
Grade 7 Module 7: Solving Problems Using Expressions and Equations  
Grade 6 Module 9: Solve Problems using Equations and Inequalities  
Grade 6 Module 10: Real-World Relationships Between Variables

### Unit IV

Grade 6 Module 11: Polygons on the Coordinate Plane  
Grade 6 Module 12: Area of Triangles and Special Quadrilaterals  
Grade 6 Module 13: Surface Area and Volume

### Unit V

Grade 6 Module 14: Data Collection and Display  
Grade 6 Module 15: Measures of Center  
Grade 6 Module 16: Variability and Data Distribution

## Educational Materials Needed for Course:

Students are expected to come to class prepared with:

- 3 – ring binder (1")
- One set of 5 divider tabs
- Two folders (3-prong, pockets optional)
- Notebook paper
- Highlighters
- Pencils
- Pens
- Earbuds/headphones for video lessons
- See “wish list” posted in classroom for extra OPTIONAL items to help enhance our classroom. (For example: hand sanitizer, tissue, clorox wipes, etc)
- If you have an Amazon.com account, I have created an electronic wish list. All of the items are Prime items, so Prime members get free shipping. Remember, these are OPTIONAL items that will be greatly appreciated. I do not give extra credit points for class donations. (search for Mrs. Beth Schrader’s wish list, or use the link on my weebly)

**Into Math:** Into Math is an online math program that Duval County is using for middle school math classes. This program can be found in OneView under the blended learning tab. This is where the students will have online access to a copy of their textbook and also some of their online homework assignments. This platform can be accessed through the Blended Learning page.

**Study Island:** This program is also available on the Blended Learning page. This program is new to our school this year, so more information will be forthcoming.

**Delta Math and Khan Academy:** These platforms provide additional practice, and will be used periodically for homework assignments. Students will need to create an account and write down their login information, since these platforms are not attached to the Blended Learning page. I will provide the class code(s) for these platforms.

**eMathInstruction:** This platform provides lesson videos and practice. I will provide any handouts needed for these lessons. If needed, I will attach links to the videos and .pdf copies of the handouts to my weebly. There is no login/password needed for this resource.

**Participation:** Participation in class is mandatory for student success. This grade includes warm-ups at the beginning of class, answering/asking questions during instruction, taking notes, and completing classwork assignments. Students are expected to complete homework by the posted due date. Assignments will be posted on the board, on my weebly, and in FOCUS.

**Homework/Late Work Policy:** Mathematics, like sports, singing, drawing, etc., is a skill and it requires consistent practice and earnest effort. Homework will be assigned on a daily basis and is integral to the understanding of the concepts taught in class. One to two lessons will be taught per class period, so expect at least one homework assignment a night. Homework will consist of textbook pages, handouts, and/or online assignments. Students need to have a reliable source of internet for many of their classes.

Students will receive homework assignments at the end of the class period. Written assignments are due at the beginning of the next class period, and online assignments are due no later than midnight the night before the next class.

Late homework will be accepted up until the unit test receiving a grade no higher than 70% of the earned score. Any late work submitted after the unit test will be accepted for no more than 50% of the earned score. The last day to submit work for the first half of the quarter is the progress report grades pull date, and the last day to submit late work for the second half of the quarter will occur sometime in the last week of the quarter. These deadlines will be posted in class as well as on my weebly site.

**Make-up Work Policy:** Regular attendance in each forty-five day grading period is necessary for a student to be successful in school. Missing work shall be made-up for all absences, including suspension. Make-up work shall be allowed for each day of absence. Your child may earn up to full credit for such work submitted with acceptable time frame outlined within DCPS Student Progression Plan.

If your student is absent it is their responsibility to check on my weebly page to find out what they missed. Any documents/notes provided during class will be posted to the weebly.

There will be no make-up quizzes if there is a Module Test from that Unit. No grade will be entered for the assignment, thus not affecting the student's grade at all. The Module Test grade will be used to determine mastery.

Make up tests will be given before or after school, which should be arranged with me prior.

Students will have the number of days absent to turn make-up assignments and take tests. If an assignment is due on the day that they are absent they must turn it in the next class period. If a student is present for the test review, but is absent for the test, they should be ready to make that test up upon their return to school.

Quizzes and Tests with a grade less than 70% can be re-taken. The maximum grade that can be earned on a Quiz or Test retake is a 70%.

## Grading Policy:

I use weighted categories:

- Classwork/homework 20%
- Quizzes 30%
- Tests 50%

Grades will be typically posted to Focus within 3 days. Parents and students are encouraged to use the internet to view grades.

**Parent/Teacher Conference Information:** If you have a question about your child's grade, please check the Grade Portal to see if the teacher has left any notes about specific assignments. If you still have questions, feel free to email the teacher directly. If you have more general questions about your child's overall academic progress, you can contact Guidance at 630-6800 x114599925 to schedule an appointment for a parent/teacher conference. Please remember that parent/teacher conferences are only available on a limited basis and may not include all of your child's teachers. Please be specific when scheduling a conference to just those teachers that you need to meet face-to-face.

## Class Expectations:

1. Be responsible.
  - Bring all materials to class.
  - Keep your area clean.
  - Keep up with assignments and due dates.
  - Follow acceptable use policy for all technology.
2. Be respectful.
  - Listen to all adults.
  - Be considerate of classmates.
  - Use polite/appropriate language.
3. Be ready.
  - Be on time to class.
  - Be prepared with your materials and assignments.
  - Move quickly to your seat.
4. Be positive.
  - If you don't have something nice to say...
  - Leave the negative attitudes at the door.
  - Your smile could change someone's day – share it!