

Algebra 2

Duke Ellington School of the Arts

Mrs. Kasinowski

Pronounced: Kaz - in - now - ski

Room: 309

Email: katrina.kasinowski@k12.dc.gov

DCPS is following the Illustrative Math curriculum. All materials including support for family are available online at <https://im.kendallhunt.com/HS/index.html>. Students begin the course with a study of sequences, which is also an opportunity to revisit linear and exponential functions. Building on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with expressions that define the functions and expand their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logs. The Standards of Mathematical Practice, along with the course content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject enables them to make sense of problem situations.

WHAT TO BRING

- Computer with charger
- Math Journal
- Pencil

FOOD/DRINK

Eat in the cafeteria only! I do not want any extra critters in my room!

WHAT TO EXPECT

- Student lead learning with teacher support
- Revise and refine assignments

MATH JOURNALS

- Log of student learning for the year and a reference

GRADE CATEGORIES

- 50% Practice & Application
Lesson Completion
- 40% Assessments
RCT, ANET, Quiz
- 10% Engagement
Math Journals

HOW TO GET HELP

- Tutoring - email Mr. Ashiara for dates and times
victor.ashiara@k12.dc.gov
- Help from Mrs. K during advisory - students must get a pass from teacher by the end of lunch same day - no more than 5 students at a time

LATE WORK

- Alternate assignment for work not submitted by the due date
- Late work will receive a maximum grade of B

ONLINE RESOURCES

- Canvas - main hub
- Desmos - classwork

TESTING

Students will be required to turn in cell phones before taking any tests or quizzes

GRADE CODES

- WS - 50% no work submitted
- F - 63% poor quality work
- OM - assignment omitted from grade calculations

CELL PHONES

Cell phones and Headphones should not be visible during class

REMINDERS

- Remind
- Canvas Calendar
- Google Calendar

Units of Study

1. Sequences and Functions
2. Polynomials and Rational Functions
3. Complex Numbers and Rational Exponents
4. Exponential Functions and Equations
5. Transformations of Functions
6. Trigonometric Functions
7. Statistical Inferences