

John Jay Middle School
 40 North Salem Road – Route 121
 Cross River, NY 10518
 914-763-7500
“Learn. Care. Lead.”
Mr. Jeff Swiatowicz, Principal

Ms. Monica Bermiss, Assistant Principal

2019 – 2020 Algebra 1

Ms. Shantel Brooks, Assistant Principal

JJMS Vision:	<i>Take the time to get to know our students well and use that knowledge to increase student engagement in the classroom.</i>
Classroom Mission:	<i>To inspire an authentic love of learning (not grades) that is derived from taking risks, growth, vulnerability and achievement.</i>
Subject:	Algebra 1
Teacher:	Cathie Smollon
Curriculum:	<p><u>Math 8 Topics</u></p> <ul style="list-style-type: none"> ❖ Solving Systems of Equations Algebraically and Graphically ❖ Geometric Concepts (Transformations, Similarity) ❖ Proving and applying the Pythagorean Theorem <p><u>Algebra 1 Topics</u></p> <ul style="list-style-type: none"> ❖ Module 1: Exploring Equations and their Graphs <ul style="list-style-type: none"> ➤ Graphing Stories, Expressions, Equations, Inequalities, Problem Solving ❖ Module 2: Descriptive Statistics <ul style="list-style-type: none"> ➤ Distributions, Variability, Data Analysis ❖ Module 3: Linear and Exponential Functions <ul style="list-style-type: none"> ➤ Sequences, Graphs, Transformations ❖ Module 4: Quadratics <ul style="list-style-type: none"> ➤ Polynomial Expressions, Equations, and Functions ❖ Module 5: Modeling with Equations and Functions
Grading and Homework:	<ul style="list-style-type: none"> • Assessments weighted by points (90%), Homework (10%) • Final Grade: Tri 1: 26.67%, Tri 2: 26.67%, Tri 3: 26.67%, Midterm Exam: 9%, Regents Exam 11% • Timely completion of all missed homework assignments, quizzes, and tests due to absence • Student work must be shown on homework assignments to receive credit
Resources:	<ul style="list-style-type: none"> • NY Algebra 1 Common Core Book – Amsco Publications • www.amscmath.com • www.regentsprep.org • www.mathbits.org • www.studyzone.org • www.khanacademy.org • www.ixl.com • www.engageny.org
Extra Help:	<ul style="list-style-type: none"> • Wednesdays after school • Additional help by appointment
Teacher Contact Information:	<ul style="list-style-type: none"> • E-mail CSmollon@klschools.org