<table>
<thead>
<tr>
<th>JJMS Vision:</th>
<th>Take the time to get to know our students well and use that knowledge to increase student engagement in the classroom.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classroom Mission:</td>
<td>To inspire an authentic love of learning (not grades) that is derived from taking risks, growth, vulnerability and achievement.</td>
</tr>
<tr>
<td>Subject:</td>
<td>Algebra 1</td>
</tr>
<tr>
<td>Teacher:</td>
<td>Cathie Smollon</td>
</tr>
</tbody>
</table>
| Curriculum: | Math 8 Topics  
- Solving Systems of Equations Algebraically and Graphically  
- Geometric Concepts (Transformations, Similarity)  
- Proving and applying the Pythagorean Theorem  

Algebra 1 Topics  
- Module 1: Exploring Equations and their Graphs  
  - Graphing Stories, Expressions, Equations, Inequalities, Problem Solving  
- Module 2: Descriptive Statistics  
  - Distributions, Variability, Data Analysis  
- Module 3: Linear and Exponential Functions  
  - Sequences, Graphs, Transformations  
- Module 4: Quadratics  
  - Polynomial Expressions, Equations, and Functions  
- Module 5: Modeling with Equations and Functions |
| Grading and Homework: |  
- 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: |  
- NY Algebra 1 Common Core Book – Amsco Publications  
- www.amscomath.com  
- www.regentsprep.org  
- www.mathbits.org  
- www.studyzone.org  
- www.khanacademy.org  
- www.ixl.com  
- www.engageny.org |
| Extra Help: |  
- Wednesdays after school  
- Additional help by appointment |
| Teacher Contact Information: |  
- E-mail CSmollon@klschools.org |