



# MATH MEETS ART

## Syllabus

<b>Teacher Contact Information</b>	<b>Email:</b> lruffin@madisoncity.k12.al.us <b>Classroom Phone:</b> 256-837-3735 ext. 309
<b>Classroom Digital Platforms</b>	<b>Webpage Link:</b> <a href="https://www.madisoncity.k12.al.us/Domain/1350">https://www.madisoncity.k12.al.us/Domain/1350</a>
<b>Textbook Information</b>	There is no textbook for this class.
<b>Course Description</b>	Math Meets Art is an elective in which the students explore mathematical concepts and their relation to art. During this course students will explore two- and three-dimensional geometry, the Fibonacci sequence, Sierpinski's triangle, fractals, and Pythagorean's snail. Additionally, the students will learn about transformations and circles and apply their understanding to their art.
<b>Course Objectives</b>	Students will reflect various mathematical concepts in their art.
<b>Course Outline</b>	<b>Module 1:</b> 2D Geometry <b>Module 2:</b> 3D Geometry <b>Module 3:</b> Mathematicians <b>Module 4:</b> Transformations <b>Module 5:</b> Circles (if time)
<b>Classroom Expectations</b>	<ol style="list-style-type: none"> <li>1. Be in your seat when the tardy bell rings.</li> <li>2. Bring any and all texts, homework, and working materials with you.</li> <li>3. Be kind and respectful!</li> <li>4. Save off topic request and sharing for after instruction time.</li> <li>5. Take time to reflect when answering.</li> </ol>
<b>Progressive Discipline (LMS Policy)</b>	<b>Step 1:</b> Verbal warning <b>Step 2:</b> Student/teacher conference and break detention <b>Step 3:</b> Parent contact/conference <b>Step 4:</b> Detention and a parent contact <b>Step 5:</b> Office referral
<b>Grading Policy (MCS Policy)</b>	<b>60%</b> = Assessments (Tests) <b>40%</b> = Daily Grades (Math practice, art projects)
<b>Late Work Policy</b>	All work is expected to be turned in complete and on time. If an extension is needed due to an extenuating circumstance, please work with the teacher to decide on an adjusted due date. <u>Communication is required to secure all possible points if an assignment is to be turned in late.</u> A final due date will be set by the teacher for any missing assignments at the end of each term to provide time for grading. A late project will have two point deduction as per the rubric.
<b>Make-up Work/Test</b>	It is the student's responsibility to find out about missing work. Please check

<b>Policy</b>	<p>Schoology for assignments, and then contact me if there are any questions.</p> <p>Students with excused absences will be allowed to make-up all work within three days of returning to school. It is the student's responsibility to ask for make-up work. Students can get with a classmate or ask the teacher for help. Work that is not made up will become a zero (including quizzes/tests). Many times, missed quizzes and tests can be made up during school.</p>
<b>Technology</b>	<p>Student laptops should not be hard-wired to the network or have print capabilities. Use of discs, flash drives, jump drives, or other USB devices will not be allowed on Madison City computers. Neither the teacher, nor the school is responsible for broken, stolen, or lost laptops. Laptops and other electronic devices will be used at the individual discretion of the teacher.</p>
<b>Accomodations</b>	<p>Requests for accommodations for this course or any school event are welcomed from students and parents.</p>
<b>Materials &amp; Supplies</b>	<ul style="list-style-type: none"> <li>• I have shared supplies. If your child would like their own markers, colored pencils, glue sticks, etc. they are more than welcome to bring them. They may keep them in their backpack or in a special section in the classroom.</li> <li>• Supplies for taking and storing notes (this can be a composition notebook, loose-leaf paper and folder, or a section in a binder)</li> </ul>
<b>Homework</b>	<p>Work will be completed in class, however students who are not finished with projects the last school day before the due date will be encouraged to take the project home and finish.</p>
<b>Parent &amp; Student Acknowledgment Form</b>	<p>Please complete the attached Syllabus Agreement Form acknowledging that you have fully read and understand each part of this syllabus. (This form must be completed <u>together</u> by both parent/guardian and student.)</p> <p>I am so excited to begin this new year with you! We are going to have a great year of learning and growing both as mathematicians and individuals. :)</p>

***This syllabus is subject to change.***