**Math 7** 

Syllabus

| Discovery Middle School | Teacher: | Bradley Perry |
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| **Course Description:** | Math 7 is based on the Alabama Course of Study Standards for 7th grade. Concepts will include, but are not limited to: rational numbers, proportional reasoning, equations and expressions, 2D and 3D Geometry, statistics and probability. Students gain a deeper understanding of math concepts by narrowing their focus to fewer topics. Students who complete this course will be ready for Math 8. [Alabama Math State Standards](https://www.alabamaachieves.org/wp-content/uploads/2021/03/2019-Alabama-Mathematics-COS-Rev.-6-2021.pdf) |
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| **Course Objectives:** | To successfully master the skills outlined in the Alabama 7th Grade Math Course of Study. Students successfully completing this course will be prepared for Math 8. |
| **Classroom Expectations:** | Classroom Rules and Procedures:  1. Be in your seat when the tardy bell rings.  2. Have a positive attitude.  3. Set high expectations for yourself.  4. Be respectful to others and their opinions.  5. Follow all school rules. |
| **Textbook:** | Alabama Reveal Math Grade 7  <https://my.mheducation.com/login>  \*Students will be able to access this book through schoology |
| **Grading:** | Test grades will account for 60% of the 9-weeks grade, with the remaining 40% being determined by quiz/daily grades. The grading scale is as follows: A (90-100), B (80-89), C (70-79), D (65-69), and F (64 and below). Grades will be a reflection of mastery of the standards. Make sure all absences are excused as work can be made up and graded for excused absences only. |
| **Make-up Work:** | Under normal circumstances, it is expected that students will submit previously assigned work upon return to school after an excused absence. All work missed on the day(s) of excused absences must be made up within a timeframe determined by the teacher. **It is the responsibility of the student to ensure he or she makes up work following excused absences. Students will not receive credit for and will not be allowed to make up any assignments, tests, work, activities, etc., missed during unexcused absences.** (DMS 2021-2022 Student Handbook) |
| **Late Work:** | For work turned in late, the following policy will apply:  • The assignment will drop one LETTER grade for each school day that passes. For example, if an assignment is turned in one school day late, the highest a student can receive is 89%; two days late, 79%, etc.  1 day late = maximum credit 89%  2 days late = maximum credit 79%  3 days late = maximum credit 69%  4 days late = maximum credit 59%  5-10 days late = maximum credit 50%  • Half credit is always better than no credit! Until work has been made up, “Missing” (which counts as a zero) will be put in the grade book. This will be updated once work is completed and turned in. |
| **Accommodations:** | Requests for accommodations for this course or any school event are welcomed from students and parents. |
| **Turnitin Notice:** | The majority of writing assignments in this course will be submitted to Turnitin via the Schoology learning platform. The primary focus of this software is to help students become better writers and scholars. Turnitin generates a report on the originality of student writing by comparing it with a database of periodicals, books, online content, student papers, and other published work. This program will help students discern when they are using sources fairly, citing properly, and paraphrasing effectively - skills essential to all academic work.  Students will have the opportunity to review their Turnitin originality report and will have the opportunity to make revisions before submitting their work for grading. Once their work is submitted, teachers have the opportunity to view the student's originality report and grade accordingly. |
| **Technology** | Concerning laptop utilization:  1. Student laptops should not be hard-wired to the network or have print capabilities.  2. Use of discs, flash drives, jump drives, or other USB devices will not be allowed on Madison City computers.  3. Neither the teacher, nor the school is responsible for broken, stolen, or lost laptops.  4. Laptops will be used at the individual discretion of the teacher and should be brought to school **daily**.  5. Cell Phones and other devices are not allowed in the classroom. Review the link below.  [No Devices](https://docs.google.com/document/d/10bYQ7-Pb81U7dFWQ5zTclRXDicoLS21k/edit) |
| **Materials and Supplies:** | * A Binder (with loose-leaf paper) * Pencils/Erasers * Scientific Calculator * Green, yellow, pink highlighters * Expo Marker/Eraser * School Device/Charger |

| **Week Plan *\*Subject to Change*** | |
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| **Week** | **Unit** |
| **1** | Back to School Procedures |
| **2** | Operations with Integers *(No-Calculator unit)* |
| **3** | Operations with Integers *(No-Calculator unit)* |
| **4** | Operations with Integers *(No-Calculator unit)* |
| **5** | Operations with Rationals *(No-Calculator unit)* |
| **6** | Operations with Rationals *(No-Calculator unit)* |
| **7** | Operations with Rationals *(No-Calculator unit)* |
| **8** | Ratios, Rates, and Proportions |
| **9** | Ratios, Rates, and Proportions |
| **10** | Percents |
| **11** | Percents |
| **12** | Percents |
| **13** | Simplify Algebraic Expressions |
| **14** | Simplify Algebraic Expressions |
| **15** | Writing and Solving One & Two-step Equations |
| **16** | Writing and Solving One & Two-step Equations |
| **17** | Writing and Solving One & Two-step Equations |
| **18** | **Review/Midterm Exam** |
| **19** | Writing and Solving One & Two-step Inequalities |
| **20** | Writing and Solving One & Two-step Inequalities |
| **21** | Writing and Solving One & Two-step Inequalities |
| **22** | Geometric Figures |
| **23** | Geometric Figures |
| **24** | Geometric Figures |
| **25** | Measure Figures |
| **26** | Measure Figures |
| **27** | Measure Figures |
| **28** | Measure Figures |
| **29** | Measure Figures |
| **30** | Probability |
| **31** | Probability |
| **32** | Probability |
| **33** | Statistics |
| **34** | Statistics |
| **35** | **Review** |
| **36** | **Final Exam** |