

COURSE OVERVIEW

TITLE OF COURSE	Math 6 (Intermediate & Accelerated)
TEACHER'S NAME	Mrs. Rachel Baldwin
Course Information	Intermediate Math: Hours 1-4 Accelerated Math: 5 th Hour Room 242 *Students will receive 1 credit by the end of the school year, whether they are enrolled in the Intermediate or Accelerated Math Class.*
Teacher Information	<ul style="list-style-type: none"> • Planning Hour- 5th Hour • Classroom direct phone #: (810)591-6872 • Email: rbaldwin@carman.k12.mi.us
Prerequisite(s)	To be successful in this Intermediate or Accelerated Math 6 Class, students should have successfully completed 5 th grade and it would be helpful if he/she is fluent with their multiplication facts.
Course Description and Overview of Content	<p>Intermediate & Accelerated Math 6 Topics that will be covered include:</p> <ol style="list-style-type: none"> 1.) Numerical & Algebraic Expressions/Equations 2.) (6) Basic Properties 3.) Balancing Equations 4.) Independent/Dependent Variables 5.) Multiplication of Fractions & Mixed Numbers 6.) Division of Fractions & Mixed Numbers 7.) Fluency with fractions, decimals & percents 8.) Ratios & Rates 9.) Area of Polygons 10.) Probability <p>Accelerated Math will also be introduced to the following 7th Grade Material:</p> <ol style="list-style-type: none"> 1.) (4) Basic Operations with Rational Numbers 2.) Inequalities 3.) Surface Area & Volume of 3-D Shapes
Course Goal/ Intended Outcomes	<p>Students in Intermediate Math 6 will be introduced to all of the Common Core State Standards for 6th Grade Mathematics. By the end of the course, each student will show growth for each of the standards.</p> <p>Students in Accelerated Math 6 will be introduced to the Common Core State Standards for 6th & 7th Grade Mathematics. This is due in part to the fact that some of our Accelerated Math 6 Students will proceed to Algebra in Grade 7, thus they need to also learn some 7th Grade Pre-Algebra Material. By the end of the course, each Accelerated Math 6 student will show growth for the selected standards.</p>

Texts and/ or Other Materials	<ul style="list-style-type: none"> • Intermediate & Accelerated Math 6 both use the Pearson Digit's Curriculum. • The curriculum is also supplemented where appropriate with projects, manipulatives & activities, Big Ten Challenge resources, etc... to extend student's learning.
Format and Activities	<ul style="list-style-type: none"> • Class sessions will be conducted through lecture via a SmartBoard, class discussion, hands-on activities & manipulatives, partner pairs for classwork, and student use of an assigned Chromebook laptop computer. • The teaching style used throughout the year ensures that each student feels like he/she is in a safe environment in which learning of the Common Core Math 6 or 7 State Standards can be interesting and achievable. • Individual student learning styles are addressed throughout each Digit's Topic by the various lessons & learning activities that vary from day to day in order to interest all students. • Extended learning opportunities include teacher-created projects, manipulatives & activities and the (Spring)Delta College Math Competition that students are invited to attend. Accelerated Math Students are also given extra credit in 2nd Semester for researching & possibly dressing up as a Historical Mathematician.
Grading Practices and Procedures	<ul style="list-style-type: none"> • Evaluation tools (tests, projects, quizzes, in-class work, homework, presentations.) • Students are graded according to the percentages as outlined in our Middle School Handbook. • Incomplete or late work policies: Most of the class assignments are completed on the Digits website, with the due date listed. Students are given a zero for an assignment after the Due Date unless the teacher & student have discussed a special circumstance and accommodation.
Attendance/ Tardiness	<ul style="list-style-type: none"> • Students are expected to be in attendance to class each day unless he/she is excused by a parent/guardian. This course follows the building attendance/tardiness policies unless the teacher is notified of a special circumstance by our attendance office. • Make-up work should be returned & completed according to the school policy which states that the student can have up to the number of days missed, plus one. • Tardies are addressed by using the Middle School Handbook rules. A phone call to a parent/guardian is made after the 3rd tardy, and an I.S.S. referral is given after each subsequent tardy.
Classroom Rules and Procedures	<p>At the beginning of the year, classroom rules & procedures are thoroughly discussed. (Please see my attached "Welcome Letter" which explains these in detail.)</p> <p>Throughout the Math 6 Course, our classroom will be run in an organized and professional manner so that students can work towards mastery of the Common Core State Standards for 6th Grade Math.</p>
Academic Integrity	<ul style="list-style-type: none"> • Students are expected to use honesty & integrity as they complete their own work. They are reminded of this expectation many times throughout this Math 6 Course. • Plagiarism will not be tolerated, and when discovered, the situation will be referred to the appropriate grade level principal and/or the building principal.

Technology Usage	<ul style="list-style-type: none">• Most of the Math 6 Homework is completed on the Digits website of "mymathuniverse.com" or "digitsdashboard.com." Students are expected to work towards a grade of 100% on each assignment as the website will allow students to redo any problem through the "Similar Exercise" button.• Students will use their assigned Chromebook computer as often as possible.• Students will only visit the Digit's website unless they are directed to research another appropriate website for our curriculum purposes. Students must sign and return an "A.U.P." before they will be granted permission to use a school computer.
Other Comments	Overall, this Math 6 course is challenging to students and will fully prepare them for any 7 th grade math course. Hopefully, students will also develop and extend their love of mathematics because they will see how mathematics is applicable to their everyday life!!!