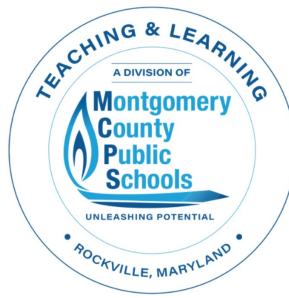


What Your Child Is Learning This Quarter: Page-Turners & Big Ideas

Seventh Grade Quarter Three

Humanities Magnet English Unit 3: Shifting Power Students engage in literary analysis, first-person narratives, and critical thinking to analyze how revolutions, wars, and reforms shape societies and individual lives. Genre Focus: Genocide Literature Writing Task: Research Project, Podcast (script) Texts • <i>I Never Saw Another Butterfly</i> by Hana Volavková • <i>All But My Life</i> by Gerda Weissmann Klein • <i>Refugee</i> by Alan Gratz • <i>Ordinary Men</i> by Christopher Browning • “The Willy Nicky Telegrams” • “The Austrian Ultimatum, Diplomatic Exchanges” • “On Tyranny” (excerpts) by Timothy Snyder Key Terms: genocide, power, transformation	Mathematics Math 7 Unit 6: Expressions, Equations, and Inequalities • Key Terms: expression, numerical expression, algebraic expression, variable, value of an expression, evaluate, substitution, term, coefficient, constant, equivalent expressions, equation, solution, solving an equation, balanced equation, true equation, false equation, inequality, solution set, greater than, less than, greater than or equal to, less than or equal to Unit 3: Measuring Circles • Key Terms: circle, radius, diameter, circumference, pi, ratio, proportional relationship, constant of proportionality, linear relationship, equation, formula, arc length, measurement, units, scale factor, estimate, reasonableness Accelerated Math 7 Unit 5: Linear Relationships • Key Terms: rate of change, constant rate, linear relationship, proportional relationship, slope, unit rate, initial value, y intercept, equation, graph, table, coordinate plane, ordered pair, rise, run, comparison, representation, interpret, reasonableness Unit 6: Functions and Volumes • Key Terms: function, input, output, rule, independent variable, dependent variable, function notation, table, graph, equation, volume, cubic unit, unit cube, prism, rectangular prism, cylinder, base, height, area of base, cross section, formula, measurement, units, scale factor, reasonableness Algebra 1 Unit 6: Introduction to Quadratic Functions
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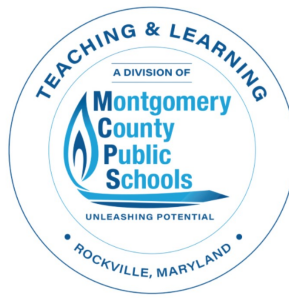
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	Key Terms: Function, function notation, linear growth, exponential growth, quadratic growth, quadratic function, pattern growth, rate of change, table of values, graph, equation, projectile motion, free fall, height versus time, initial height, initial velocity, gravity, coefficients, quadratic term, linear term, constant term, standard form, factored form, vertex form, x-intercepts, zeros, roots, y-intercept, vertex, axis of symmetry, opens upward, opens downward, maximum value, minimum value, symmetry, horizontal translation, vertical translation, vertical stretch, area models, revenue models, graphing technology. Note: The Board of Education adopted curriculum for mathematics is “Illustrative Math” by Imagine Learning.
Humanities Magnet Social Studies Students investigate how shifting social, political, and economic structures can create both crisis and transformation. Topic Focus: European Empires & Modern Political Systems, World War I Texts See <i>ELA Texts (integrated approach)</i>	Science Unit 3: Inheritance and Variation in Traits In this unit, students explore how living things pass down traits to their children through their DNA and genetics. Students will have the opportunity to use special tools to pull DNA out of cells and study how different characteristics show up in new generations. Key Terms: acquired trait, allele, asexual reproduction, budding, chromosome, codominance, DNA, dominance, double helix, gene, genotype, heterozygous, homozygous, hybrid, inherited trait, karyotype, mutation, phenotype, probability, Punnett Square, recessive, selective breeding, sexual reproduction Unit 4: Evolutionary Biology (Started in Q3) In this unit, students explore how animals and plants from long ago are related to the ones living on Earth today. Students will build a model to show how "natural selection" helps certain traits and behaviors change over time to help creatures survive and adapt to changing conditions on Earth. Key Terms: alleles, analogous structure, common ancestor, descendants, embryo, extinction, fossil, fossil record, genes, homologous structure, mutation, natural

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	selection, offspring, population, species, trait, variation <i>**No core instructional textbook</i>
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[These](#) supplemental instructional materials might also be included in 7th grade. Supplemental materials are additional approved books for teachers to use to teach a topic. If any listed instructional material conflicts with your family's sincerely held religious beliefs, you may request your child's excusal by submitting [this request form](#). For additional information, visit [our website](#).

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