

# Rochester Community Schools

## Overview - High School Student Pathways for Grades 9 through 12 With Career and Technical Education (CTE\*\*) Emphasis for College & Career Readiness

Courses/Resources	Ninth	Tenth	Eleventh	Twelfth
<b>Mathematics*</b> 4 Credits	Algebra 1 <i>Cengage Big Ideas Bridge to Success Textbook</i>	Geometry <i>Cengage Big Ideas Bridge to Success Textbook</i>	Algebra 2 <i>Cengage Big Ideas Bridge to Success Textbook</i>	Pre-Calculus <i>Cengage Textbook Or Math related CTE classes (Acct. 1-4, Personal Finance, or any Engineering Design class)</i>
<b>Science*</b> 3 Credits	Physical Science <i>Hewitt Textbook</i>	Biology <i>Glencoe Textbook</i>	Chemistry or Physics or Astronomy and Geology (or Fundamentals of Chem. or Physics) <i>Prentice Hall and Glencoe Textbook</i>	
<b>English Language Arts*</b> 4 Credits	ELA 9 <i>Houghton-Mifflin- Harcourt Textbook and Novels</i>	ELA 10 <i>Houghton-Mifflin- Harcourt Textbook and Novels</i>	Applications of Comp and Literature course or Elements of Comp <i>Holt/McDougal Textbook and Novels</i>	Comp and Literature 12 or Comp and Language 12 <i>Bedford/St. Martin Textbook and Novels</i>
<b>Social Studies*</b> 3 Credits	World History or Big History <i>Prentice Hall Textbook</i>	U.S. History from Reconstruction to the Present <i>Holt/McDougal Textbook</i>	Government and Economics <i>Prentice Hall Textbook</i>	
<b>Physical Ed.</b> 1 Credit in HS	1. Wellness I and Wellness II (Gr. 9-12) <b>OR</b> 2. Physical Education: activity and Health (Gr. 9-12) <b>OR</b> 3. PE Waiver (2 seasons of sport or Marching Band) and Health			
<b>Visual and Performing Applied Arts*</b> 1 Credit in HS	Art, Bus. Mgt. Technology, Digital & Graphic Media, Cuisines of the World, Fit for Life, Foods & Nutrition, Independent Living, Fashion Design, Music, Engineering Design 1 & 2, 3D Animation	Interior Design, Engineering Design 1, 2, 3, 4 plus all classes listed under Ninth Grade	Art, Child Development, Marketing & Advertising; Music, School Store; Small Bus. & Entrepreneurship, Engineering Design 1, 2, 3, 4, 5, 6 and all classes listed under Ninth Grade, except Independent Living	All classes listed in 9-11 <sup>th</sup> grade, except Independent Living
<b>Language other than English*</b> 2 Credits in same language	Refer to Course Description Book for options	Refer to Course Description Book for options	Refer to Course Description Book for options	Refer to Course Description Book for options
<b>Assessments</b>	<ul style="list-style-type: none"> <li>Unit and/or Semester Common Assessments</li> <li>PSAT 8/9</li> </ul>	<ul style="list-style-type: none"> <li>Unit and/or Semester Common Assessments</li> <li>PSAT 10</li> </ul>	<ul style="list-style-type: none"> <li>Unit and/or Semester Common Assessments</li> <li>PSAT, SAT, M-Step</li> <li>Business students - NOCTI, -Microsoft Office Specialist Certification (optional).</li> <li>Accounting students – NOCTI, CLEP (optional).</li> </ul>	<ul style="list-style-type: none"> <li>Unit and/or Semester Common Assessments</li> <li>Business students take NOCTI, -Microsoft Office Specialist Certification (optional).</li> <li>Accounting students – NOCTI, CLEP (optional).</li> </ul>
<b>Interventions</b>	Multi-tiered System of Support (MTSS) which may involve a range of interventions implemented at the classroom level, or via targeted support, or placement at Alternative Center for Education (ACE) High School.			
<b>Reference Materials</b>	Course Description Book			
<b>Parental Tools for Success</b>	Knowledge of College Readiness Benchmark Scores, Check myRCS regularly, visit district website for SAT and ACT/College Readiness information			

\* Opportunities for Honors and Advanced Placement Courses in these disciplines. Students may have the opportunity to earn college credit for AP Courses if AP exam is taken and passed.

\*\* College articulated credit available for CTE courses completed with a B or better grade (see counselor for details).