

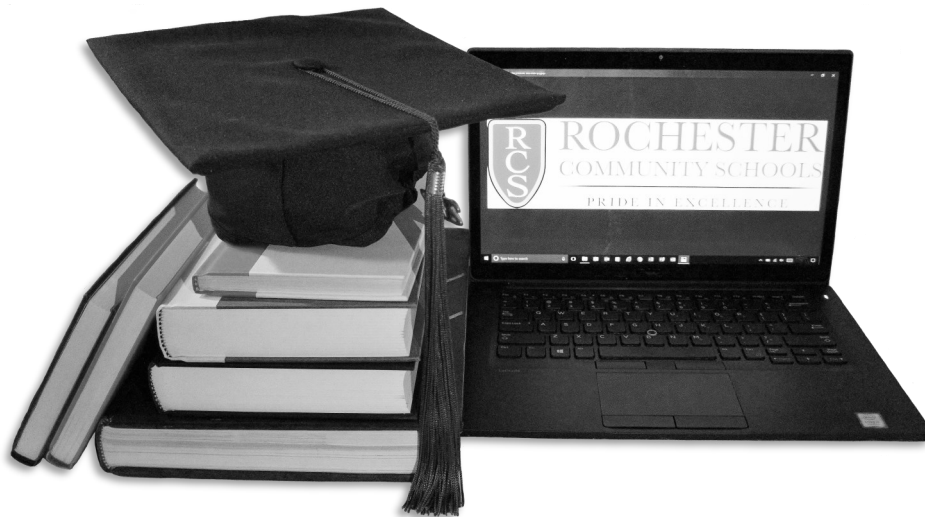


ROCHESTER
COMMUNITY SCHOOLS

PRIDE IN EXCELLENCE

Instructional Pathways

An overview of courses and programs
as students progress through their
K-12 education to graduation.





Kindergarten through 12th grade Instructional Pathways

Rochester Community Schools embraces the District’s mission to provide a quality education in a caring atmosphere for students to attain the necessary skills and knowledge to become lifelong learners and contribute to a diverse, interdependent, and changing world. By aligning our curriculum with the State of Michigan standards and college readiness skills, Rochester Community Schools is confident that our core curriculum and the vertical alignment between grades provides the foundation for success at each level. Furthermore, Rochester Community Schools recognizes that many students want to concentrate on advanced coursework in one or more disciplines, so the District strives to offer rigorous opportunities to do so at all grade levels.

Similarly, our standards based curriculum articulates the progressive development of skills and knowledge across grades and content areas necessary for all students to be college and career-ready readers, writers, and communicators. We provide a rigorous curriculum with engaging instruction, progress monitoring, and balanced assessments. Our curriculum encourages a deep knowledge of instructional content, which is needed for success beyond high school in today’s world. All of our core classes are outlined in Atlas Rubicon, which provides pacing guides and topics. Community members can locate the information at: <https://rochesterk12-oakland-public.rubiconatlas.org>.

This instructional roadmap has been developed for parents and students to use in conjunction with appropriate grade-level resources, such as Curriculum Expectations and Course Description books. You will find an overview of elementary, middle, and high school pathways, as well as a chart designed to clearly delineate acceleration options beginning in middle school. Regardless of when students enter our schools, whether it is at the beginning of early childhood or near the culmination of adolescence, we hope that you will find this roadmap useful in partnering with us to ensure that their journey on the academic pathway is a successful one.

Parent Connections

We invite you to visit your school, confer with teachers/administrators and engage in a dialogue about your child’s learning. A closer working relationship between the home and the school helps each child have a meaningful and productive education experience. It is also a key component in making Rochester Community Schools an exceptional learning environment. We welcome your input! It is a goal that all of our families have great “Pride in Excellence!”

Academic Recognition Criteria

Scholars of Highest Distinction

****GPA 3.9 – 4.0 or higher**

AP: 4 or more courses

***ACT composite of 32 or higher OR**

***SAT composite of 1430 or higher**



Scholars of Distinction

****GPA 3.8 – 3.899 or higher**

AP: 3 or more courses

***ACT composite of 28 or higher OR**

***SAT composite of 1310 or higher**



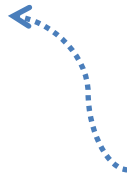
Scholars of Achievement

****GPA 3.5 – 3.799 or higher**

AP: 2 or more courses

***ACT composite of 26 or higher OR**

***SAT composite of 1240 or higher**



**SET GOALS
WORK HARD
AIM HIGH**



RCS 2019-20 Commencement Dates Oakland University O'rena

June 2 – Stoney Creek High School

June 3 - Rochester High School

June 4 - Adams High School

***ACT/SAT composite scores must be submitted to registrar by the end of first semester of senior year.**
****GPA is calculated at the end of the first semester.**

Rochester Community Schools

Overview – Elementary Student Pathway for Grades K through 5

Instructional Strategy & Resources	
Language Arts	Balanced Literacy Program: (based on national and state standards) Reading Workshop, Writing Workshop, Classroom libraries, Units of Study in Reading and Writing from Teachers College Reading and Writing Project, Word study/Phonics materials.
Math	Investigative Integration of Concepts to Mastery: (based on national and state standards) Everyday Math Edition 4, Manipulative materials
Science	Inquiry Based Units: (based on national and state standards) Instructional materials from Cereal City Science Center
Social Studies	Inquiry Based Units: (based on national and state standards) Instructional materials from Macmillan, Michigan Citizenship Collaborative Curriculum (MC3) and McGraw Hill
Health	Health units based on the Michigan Model for Health in the following areas: Social and Emotional Health; Nutrition and Physical Activity; Safety, Alcohol, Tobacco, and Other Drugs; and Personal Health and Wellness.
Art, Music, PE, and Media	Art, Music, Physical Education, and Media (information literacy) are based on state and national standards/benchmarks.
Language and Culture	Chinese Language and Culture Exposure, Grades 1-5 (30-60 minutes weekly)
Assessments K-5	<ul style="list-style-type: none"> • Ongoing Common Assessments in Language Arts, Math, Science and Social Studies. • i-Ready Computer Based Diagnostic (fall, winter, spring) • WIDA
Additional 3-5 grade Assessment	<ul style="list-style-type: none"> • MSTEP (spring)
Acceleration	<ul style="list-style-type: none"> • Language Arts and Math: Differentiation is based on ongoing assessments delivered by the classroom teacher. See publication “Differentiation in Rochester Community Schools”. • Science & Social Studies: Open-ended unit activities facilitate differentiation. Depth of instruction to extend the curriculum at the current grade level. • Grade level math acceleration based on criteria and screening for students with exceptional ability (Grade 3-5).
Interventions	Multi-tiered System of Support (MTSS) which may involve a range of interventions implemented at the classroom level or via targeted support. Individual Reading Intervention Plans for students qualifying under Third Grade Reading Law (PA306).
Key Parent Communications K-5	<ul style="list-style-type: none"> • Curriculum Nights • Parent Teacher Conferences • Teacher Newsletters • Report Cards
Additional Key Parent Communication for 5th grade	<ul style="list-style-type: none"> • Parent meeting for Middle School Transition • Fifth Grade students visit middle schools
Reference Materials	“Curriculum Expectations” “Differentiation in Rochester Community Schools”
Parental Tools for Success	Help your child with homework (provide a space and time), review test taking strategies, reinforce the importance of reading (read to your child, have him or her read to you), stay connected with the school and become familiar with your child’s academic program and his or her progress.

Fifth Grade to Sixth Grade Accelerated and Advanced Transition Considerations: Middle school math acceleration and advanced ELA test is administrated to all fifth graders in the spring

Rochester Community Schools

Overview – Middle School Student Pathway for Grades 6 through 8

Courses/Resources	Sixth	Seventh	Eighth
English Language Arts (ELA)	ELA 6 <i>Holt Textbook</i> Novels	ELA 7 <i>Holt Textbook</i> Novels	ELA 8 <i>Holt Textbook</i> Novels
*Advanced Language Arts (ELA)	Advanced ELA 6 <i>Holt Textbook</i> Novels	Advanced ELA 7 <i>Holt Textbook</i> Novels	Advanced ELA 8 <i>Holt Textbook</i> Novels
Math	Math 6 <i>Cengage Big Ideas Bridge to Success Textbook</i>	Math 7 <i>Cengage Big Ideas Bridge to Success Textbook</i>	Pre-Algebra <i>Cengage Big Ideas Bridge to Success Textbook</i>
*Accelerated Math	Compacting Math 6 & Math 7	Compacting Math 7 & Pre-Algebra	Algebra 1
Science	Science 6 <i>MiStar Curriculum</i>	Science 7 <i>MiStar Curriculum</i>	Science 8 <i>MiStar Curriculum</i>
Social Studies	World Studies <i>Prentice Hall Textbook</i>	World Geography: Ancient Civilizations <i>Houghton-Mifflin-Harcourt</i>	U.S History <i>Prentice Hall Textbook</i>
Required Non-Core Subjects	Instrumental (Band or Orchestra) or Vocal Music	Health Physical Education	None
Electives	Art, Global Digital Literacy, PE, Stem 6, Intro to World Language	Art, Band, Creative Communications, Stem 7, Life Skills, Multi-Media, Vocal Music	Art, Band, Creative Communications, Stem 8, Drama, Foods & Nutrition, Multi-Media, Physical Education, Vocal Music
		*Acceleration: World Language – Level 1	*Acceleration: World Language – Level 1 or 2
Assessments	<ul style="list-style-type: none"> Common Assessments State of MI Assessment, M-Step 	<ul style="list-style-type: none"> Common Assessments State of MI Assessment, M-Step 	<ul style="list-style-type: none"> Common Assessments State of MI Assessment, PSAT 8/9
Interventions	Multi-tiered System of Support (MTSS) which may involve a range of interventions implemented at the classroom level or via targeted support. Reading, Math Labs, Accelerated courses in Math and ELA.		
Key Parent Communications	<ul style="list-style-type: none"> School Messenger Curriculum Nights Parent Teacher Conferences Newsletters ParentVUE 	<ul style="list-style-type: none"> School Messenger Curriculum Nights Parent Teacher Conferences Newsletters ParentVUE 	<ul style="list-style-type: none"> School Messenger Curriculum Nights Parent Teacher Conferences Newsletters ParentVUE Parent and student meetings for High School Transition
Reference Materials	Course Description Book, Atlas Rubicon		
Parental Tools for Success	Check ParentVUE regularly, visit district website for SAT/College Readiness information, Teacher websites, College Board accounts		

7th and 8th Grade Considerations:

- Students who plan to take an Advanced Placement World Language must successfully complete World Language Level 1 in 8th Grade. Seventh Graders may also choose to enroll in World Language Level 1.
- Students who plan to take Advanced Placement Calculus in 12th Grade must successfully complete Algebra 1 in 8th Grade.
- Students have the opportunity to test for acceleration for math and ELA during the Spring every year.
- Physical Education 8 is an elective option. It will not fulfill the high school PE requirement.

Rochester Community Schools

Overview - High School Student Pathways for Grades 9 through 12

Courses/Resources	Ninth	Tenth	Eleventh	Twelfth
Mathematics* 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</i> AP Statistics <i>BFW Textbook</i> Intro to College Math <i>Multiple Texts</i> Or Math related
Science* 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> *See Personal Curriculum forms for other options	
English Language Arts* 4 Credits	ELA 9 <i>Houghton-Mifflin-Harcourt Collections Textbook and Novels</i>	ELA 10 <i>Houghton-Mifflin-Harcourt Collections 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>
Social Studies* 3 Credits	World History or Big History <i>Prentice Hall Textbook or on-line materials</i>	U.S. History from Reconstruction to the Present <i>Holt/McDougal Textbook</i>	Government and Economics <i>Prentice Hall Textbook</i>	
Physical Ed./Health 1 Credit in HS	1. Wellness I and Wellness II (Gr. 9-12) OR 2. Physical Education: activity and Health (Gr. 9-12) OR 3. PE Waiver (2 seasons of sport or Marching Band) and Health			
Visual and Performing Applied Arts* 1 Credit in HS	Refer to list of courses in registration packet	Refer to list of courses in registration packet	Refer to list of courses in registration packet	Refer to list of courses in registration packet
Language other than English* 2 Credits in the 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
Assessments	<ul style="list-style-type: none"> Unit and/or Semester Common Assessments PSAT 8/9 	<ul style="list-style-type: none"> Unit and/or Semester Common Assessments PSAT 10 	<ul style="list-style-type: none"> Unit and/or Semester Common Assessments PSAT SAT M-Step 	<ul style="list-style-type: none"> Unit and/or Semester Common Assessments
Interventions	Multi-tiered System of Support (MTSS) which may involve a range of interventions implemented at the classroom level, or via targeted support, or via placement at Alternative Center for Education (ACE) High School.			
Reference Materials	Course Description Book			
Parental Tools for Success	Knowledge of College Readiness Benchmark Scores, check ParentVUE 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 Advanced Placement Courses.

Graduation Requirements

18 Credits Required
4 Credits (minimum) Electives
 22 Credits Required for Graduation out of a possible 24 credits

Rochester Community Schools

Middle School and High School Seven Year Plan

Advanced Concentration Pathways by Discipline

Courses/ Grade	Sixth	Seventh	Eighth	Ninth	Tenth	Eleventh	Twelfth
Mathematics	Accelerated Math 6 (Math 6 & 7)	Accelerated Pre-Algebra 7 (Math 7 & Pre-Algebra)	Algebra 1 (1 High School Credit)	Geometry	Algebra 2	Pre-Calculus	AP Calculus and/or AP Statistics
Science	Science 6	Science 7	Science 8	Block Science (Biology & Physical Science) or concurrent Biology & Physical Science	Chemistry or Physics	AP Chemistry or AP Physics, AP Biology	AP Biology, AP Env. Sci. Electives: Micro/Genetics, Anat / Physiology, Pathology
English Language Arts	Advanced ELA 6	Advanced ELA 7	Advanced ELA 8	Honors ELA 9	Honors ELA 10	AP Comp and Language	AP Comp and Literature
Social Studies	World Studies	World Geography: Ancient Civilization	U. S. History	World History or Big History	AP U.S. History	AP Gov't, AP Micro/Macro Economics	AP World History, AP Psychology
World Language		Level 1 (1 High School Credit)	Level 1 or 2 (1 High School Credit)	Level 2 or 3	Level 3 or 4	Level 4 or AP	AP French or German or Spanish

Considerations for the Advanced Concentration Pathways:

- High aptitude in a particular discipline
- AP Courses may translate into college credit if the AP exam is taken and passed
- Potential for receiving high school credit in middle school
- Potential for receiving college credit in high school
- Opportunity to attend International Baccalaureate (International Academy) Oakland County Consortium, located in Bloomfield Hills, beginning in 9th grade (selection by lottery and entrance exam)
- Opportunity for Credit by Exam