

# 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
<b>Mathematics</b>	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
<b>Science</b>	Science 6	Science 7	Earth 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
<b>English Language Arts</b>	Advanced ELA 6	Advanced ELA 7	Advanced ELA 8	Honors ELA 9	Honors ELA 10	AP Comp and Language	AP Comp and Literature
<b>Social Studies</b>	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
<b>World Language</b>		Level 1 (1 High School Credit)	Level 1 (1 High School Credit)	Level 2	Level 3	Level 4	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 9<sup>th</sup> grade (selection by lottery and entrance exam)
- Opportunity for Credit by Exam