



USD #233 Individual Plan of Study  
 Electronic file located in Xello - "Course Planner"  
 Located at Olathe North  
[distinguishedscholars.olatheschools.org](http://distinguishedscholars.olatheschools.org)  
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# Distinguished Scholars Academy

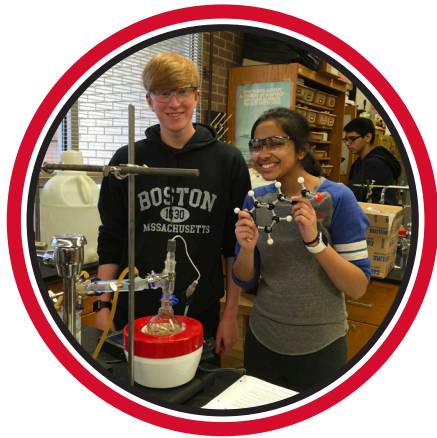
## Science



Graduation Requirements	9th Grade	Credits	10th Grade	Credits	11th Grade	Credits	12th Grade	Credits	Y 13	
English (x4 credits)	Honors English 9	1	Honors English 10	1	AP English Language	1	AP English Literature	1		
Math (x3 credits)	Must take 1.0 math 9th gr year as recommended by facilitator & math teacher	1	Must take 1 math 10th gr year as recommend.Oed by facilitator & math teacher	1	Must take 1.0 math 11th gr year as recommended by facilitator & math teacher	1	Must take 1.0 math 12th gr year as recommended by facilitator & math teacher	1		
Science (x3 credits) (1 Life; 1 Physical; 1 Elective)	Honors Biology	1	Honors Chemistry <b>AND</b> AP Physics I	2	AP Chemistry <b>AND</b> AP Physics II	1+	AP Biology	1		
Social Studies (x3 credits) (1 World; 1 US; 0.5 Govt; 0.5 elective)	World History <b>OR</b> Honors World History	1	Students fulfill .5 Social studies graduation requirement through 21st Century Academy Courses	.5	US History <b>OR</b> AP US History	1	US Govt <b>OR</b> AP US Govt	.5		
Communications (0.5 credit)	All Academy <b>Capstone Courses</b> will fulfill the Communications Requirement								Y 14	
Financial Literacy: (0.5 credit)	See PPG for Financial Literacy Options									
Fine/Performing Arts (1 credit)	Student choice - any year(s) <b>1+</b>									
Health: (0.5 credit)	Health Education <i>Optional</i> : Health may be taken online through eAcademy if space is needed in student's schedule.									
Applied Language: (1.0 credit)	Student Choice - Any year(s) <b>1+</b> College-bound students should enroll in 2 years of the same World Language.									
Life Studies: (0.5 credit)	Using the PPG - Identify courses that fulfill this requirement									
Physical Education (0.5 credit)	PE Concepts <b>OR</b> Cheer/Drill Team <b>OR</b> Strength & Conditioning	.5	<i>Optional</i> : P.E. Concepts may be taken online through eAcademy if space is needed in student's schedule. This can be scheduled during the summer or as an 8th hour during the school year - grades 10-12 only. <i>Other online classes are available at <a href="http://eacademy.olatheschools.com">eacademy.olatheschools.com</a></i>							
STEM (1.0 credit)	Students fulfill STEM graduation requirement through 21st Century Academy Courses									
Individual Focus (5.5 credits) <b>21st Century Academy Coursework</b>	DS Freshman Cross Cultural Expeditions	1	DS Symposium Sci (10)	1	DS Symposium Sci (11)	1	Distinguished Scholars Senior Capstone	1		
Total Credits: (24 total needed for graduation)	9th grade total:	7	10th grade total:	7	11th grade total:	7	12th grade total:	3+		

**NOTE:** Credits beyond requirements in any category will fall under individual focus.

Students may earn an endorsement on their transcript for completing all Academy requirements, including successful completion of coursework, outside-the-classroom learning opportunities, field experiences, and capstone projects. Refer to the Academy's Endorsement Requirements provided by facilitator or found on the web at [www.21stcentury.olatheschools.com](http://www.21stcentury.olatheschools.com)



### *Olathe North - Science*

#### **Who We Are:**

Academically high-achieving students immerse themselves in rigorous, non-traditional course work in one of five content areas as well as participate in cross-curricular year-long studies. Many students plan to pursue post-graduate degrees prior to embarking on careers.

#### **What We Do:**

- Work in a freshman cohort during the first year to explore academic disciplines and develop cultural awareness.
- Specialize in one of five content areas—Language Arts, Math, Political Science, Science, Visual Arts—sophomore through senior years.
- Receive specialized preparation for the PSAT/NMSQAT.
- Think and work outside the traditional academic “box” to understand current global issues from various curricular viewpoints.
- Learn from experts in their chosen fields of study.
- Participate in unique field research.
- Compete in local, regional, and national academic competitions.
- Gain access to advanced technology and resources appropriate to their fields of study.
- Explore and learn academic topics outside the scope of the even the most rigorous high school courses.
- Prepare for rigorous undergraduate and graduate coursework in a wide range of academic disciplines.

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*Explore careers in this field with the Occupational Outlook Handbook at <https://www.bls.gov/ooh/>*