

TESSERACT UPPER SCHOOL CURRICULUM

Italicized courses are offered for one semester. Courses in grey are not required for graduation.

9 th Grade		10 th Grade		11 th Grade		12 th Grade		
Course	Class	Course	Class	Course	Class	Course	Class	
Principals of Civilization Meets 10 Periods Per Week (ppw)	Mixture of History, Geography, Literature, Writing, Civics & Language Arts	European Studies 8 ppw	Mixture of History, Geography Literature & Civics	Literature 4ppw Elective	<i>Russian</i>	Literature 4ppw Elective	<i>Russian</i>	
					<i>Eastern</i>		<i>Eastern</i>	
					<i>South Am.</i>		South Am. (AP)	
					<i>Eastern</i>	History 4ppw Elective	<i>Eastern</i>	
					<i>African</i>		<i>African</i>	
					<i>Mid. East</i>		<i>Mid. East</i>	
					U.S. History (AP)		U.S. History (AP)	
					Composition 4ppw Elective	<i>Fiction</i>	Composition 4ppw Elective	<i>Fiction</i>
						<i>Technical -News</i>		<i>Technical -News</i>
		<i>Fundamentals</i>	<i>Fundamentals</i>					
Mathematics 5 ppw	Algebra I	Mathematics 6 ppw	Geometry, Science & Composition	Mathematics 5 ppw	Algebra II/Trig	Mathematics 5 ppw	Pre Calculus	
					Pre Calculus		Calculus	
	Geometry	Math and Science will often combine on common projects.	Algebra II/Trig, Science & Composition		<i>Applied Geom.</i>		<i>Special Topics</i>	
			Meets 1 ppw		<i>Economics</i>		<i>Economics</i>	
					Statistics (AP)		<i>Applied Geom. Statistics (AP)</i>	
							AB Calculus (AP)	
Science 5 ppw	Biology	Science 6 ppw	Chemistry, Physics, Math & Composition	Science 5 ppw	Physics	Science 5 ppw	Physics	
					Geology		Geology	
					Psychology		Env. Sci (AP)	
					Anat. & Physol		Anat. & Physol	
Second Language 5 ppw	Spanish II	Second Language 5 ppw	Spanish III	Second Language 7 ppw	Spanish IV	Second Language 5 ppw	Adv. Spanish	
								Adv. Mandarin
	Mandarin I		Mandarin II		Mandarin III			Latin
					Latin		Adv. Language	
The Arts & Electives 3 ppw	<i>Music</i>	The Arts 3 ppw	<i>Music</i>	The Arts 4 ppw	<i>Music theory</i>	The Arts 4 ppw	Music Theory (AP)	
	<i>Visual Arts</i>		<i>Visual Arts</i>		<i>Visual Arts</i>		<i>Visual Arts</i>	
			<i>Dramatic Arts</i>		<i>Dramatic arts</i>		<i>Dramatic Arts</i>	
			<i>Elective¹</i>		<i>Global Studies</i>		<i>Global Studies</i>	
					<i>Web Design</i>		<i>Web Design</i>	
Physical Education Meets 2 ppw	Survey course w. emphasis on team sports.	Physical Education Meets 2 ppw	Divided by sport interest	Physical Education Meets 2 ppw	Divided by sport interest	Physical Education 2 ppw	Divided by sport interest	
Advisory 2 ppw	Small groups focusing on academic & social issues	Advisory 2 ppw	Teacher-led small groups focusing on academic and social issues	Advisory	Students choose mentors to meet with weekly	Advisory	Students work on Senior Project	
Service	16 hours done w/ advisory	Service	16 hours done independently	Service	20 hours done independently	Service	20 hours done independently	
Trips	Greece/Italy		NREL & ALS		China/ Spain		Sr. Project	
After School Activities	Sports	After School Activities	Sports	After School Activities	Sports	After School Activities	Sports	
	St. Council		St. Council		St. Council			
	Art/Drama/Music		Art/Drama/Music		Art/Drama/Music			
	Clubs		Clubs		Clubs			

¹ Student interest and input will help shape elective offerings