

Reservoir High School Curriculum Chart

Career & Technology	Accounting	Advanced Marketing	Career Research & Development I	Career Research & Development II	Child Development	Computer Science	Computer Science AP	Culinary	Engineering Design									
	Prepare Records; Auditing; Budgets; Accounting Cycle; Accounting for Assets, Liabilities, & Equity	Marketing; Management; Sales & Merchandising; Global Economy	Skills for Success; Workplace Readiness; Interests & Aptitudes; Careers; Job Application; Communication Skills	Employer Expectations; Teamwork; Interpersonal Skills; Health & Safety	Early Child Development; Interactions with Young Children; Basic Child Care	Alice; Java; Data Types; Control Statements; Looping Structures; Functions; Arrays	Boolean Expressions; GUI Components; Event Handling; Variables; Looping; Input; Output	Food Production; Hospitality; Food Services; History of American Cuisine	Simple & Complex Machines; Electrical, Civil, Aerospace; Electronics; Structural Design; Thermodynamics									
	Fashion & Interior Design	Financial Management	Food & Nutrition	Foundations of Technology *	Software Applications	Dance +	Dance	AP Language & Composition (11)	AP Literature & Composition (12)									
Design Principles; Basic Fabrication; Material Types; Problem Solving; Drawing	Banking; Investing; Borrowing; Risk Management	Cooking Techniques; Nutrition; Consumerism; Basic Food Preparation	Creating Ideas; Developing Innovation; Fabrication & Engineering	Keyboarding; Word Processing; Database Management; Spreadsheets; Software Integration; HTML; Dreamweaver	Jazz, Tap, Ballet, Modern; History; Aesthetics; Performance; Choreography		American Literature; Literary Movements; AP Essay; Research; Literary Criticism	Poetry; Short Fiction; British Literature; College Essay; AP Essay										
English	Advanced Composition	College Readiness	English 9*	English 10*	English 11*	English 12*	Journalism	Speech Communication	Yearbook									
	Persuasion; Narrative; Exposition; Poetry; Short Stories; One-Act Plays; Memoir	SAT Preparation; College Essay; College Applications; Basic Writing Skills	Literary Genres; Point of View; Memoirs; Character; Language; Create Meaning; Research: Holocaust	Literary Origins; Romance; Tragic Stance; Satire; Search for Self; Research: Banned Books	American Literature; Literary Movements, World of Work; Contemporary Authors; Research: Literary Criticism	Literature and Life; Social Issues in Literature; Senior Writing Project; College Essay; British Authors; Books and Film.	Write Articles; Fundraising; Business Organization Skills; Editing; Web Design	Formal & Informal Speaking; Speech in Daily Life; Debate; Oral Interpretation; Readers Theatre; Interpersonal Communication	Publication; Photography; Layout; Computer Skills; Marketing; Management & Business Techniques									
ESOL	ESOL Transitions	Health	Health*		French	German	Italian	Latin	Spanish									
	English Language Skills; Listening, Speaking, Reading, Writing in the Content Area		Alcohol, Tobacco, Drugs; Nutrition & Fitness; Social & Emotional Health; Disease Prevention; Family Life & Human Sexuality; Personal & Consumer Health; Risky Behaviors; Cyber bullying	Languages*	Francophone History; Culture & Life; Grammar; Vocabulary; French Media; Differences & Similarities to US Culture	Vocabulary; Grammar; Geography; History of Germanic Region; Literature; Fine Arts	Vocabulary; Grammar; Differences & Similarities to US Culture; Foods; Culture; Media; Art	Reading; Similarities to English; Roman Mythology; Poetry; Greco-Roman Culture; Language Structures; Grammar; Vocabulary; Translation Skills	Vocabulary; Geography of Latin America & Spain; History; Fine Arts; Politics; Ancient Civilizations; Connection to US Spanish Speakers									
Math	Algebra I & II*		Calculus		Differential Equations		Geometry*		Financial Literacy		Functions & Trigonometry/ Pre-Calculus		Statistics		Sports for Life			
	Technology Investigation; Data Analysis; Linear, Quadratic, Exponential & Rational Functions; Real Numbers; Matrices; Logarithms; Polynomials		Average Cost; Accumulation of Change; Future Value; Supply & Demand; Population Growth; Algebraic & Transcendental Functions		Linear Equations & Systems; Series Solutions; Numerical Methods; Stability; Boundary Value		Logic & Symbolism; Postulates; Theorems; Trigonometry; Coordinate & Transformational Geometry		Car Buying; Budgeting; Taxes; Credit; Statistics; Real Estate; Buying & Selling Foods & Services; Investments		Conic Sections; Vectors; Sequences & Series Limits; Inverses & Graphs; Circular Functions		Data Exploration; Probability; Inferential Reasoning & Simulations; Distribution of Data		Participation in Team, Duel, Individual, & Lifetime Activities; Basic Sports Rules			
Media	Television		Music +	Concert Band		Chorus		Guitar/ Piano		Music History & Theory		Physical Education	Lifetime Fitness*		Strength & Conditioning			
	Communications; Camera Operation; Lighting; Storyboarding; Script Writing; Graphic Design; Audio Mixing; Technical Direction; Editing; Create Audiovisual Productions			Composers; Historical Periods; Styles of Music; Performance Based; Symphonic; Marching Skills; Winds Ensemble		Composers; Historical Periods; Voice Control; Soprano; Alto; Tenor; Bass; Performance Based; Group Harmony & Melody		Vocabulary; Musical Styles; Note Reading; Listening Skills; Basic Improvisation; Proper Hand Techniques		History of Music Styles; Music's Role in Society; Composition; Sight Reading; Music Technology			Health Related Fitness; Fitness Goals; Variety Sports; Teamwork; Target Fitness Assessments		Anatomy; Nutrition; Safety & Technique; Repetitions; Circuit Training & Pyramids			
Reading	Strategic Reading		Science	Anatomy & Physiology		Biology*		Chemistry		Earth & Space*		Environmental Science		Forensic Science		Physics		
	Study Skills; Comprehension; Reading for: Pleasure, for Information, to Perform a Task, & All Content Areas			Cytology; Histology; Human Body Systems; Functions of Biological Systems; Medical Sciences; Careers		Cellular Structure; Function & Energy Transfer; Genetics; Evolution; Diversity & Classification; Ecology; Relationships Between Structures		Periodic Table; Bonding; Gases; Solutions; Organic Molecules; Acids & Bases; Matter		Natural Environments; Process of Change; Impact of Earth on Society		Interdependence of Organisms; Populations; Natural Resources; Renewable Sources; Man's Impact on Environment		Forensic Methodologies; Identification of Human Evidence; Collection & Handling of Specimens; Crime Scene Integrity		Forces; Motion; Gravity; Energy & Momentum; Electricity & Magnetism; Waves		
Social Studies	American Government*		Ancient & Medieval History		Law & Citizen		Leadership		Modern World History*		Psychology		Sociology		U.S. History*		World Religions	
	National, State, & Local Government: Structure, Principles, Policies; Law; Economics; Current Issues; Groups, Beliefs, & Ideas		5000 BC-1300AD: Intellectual, Social, Political, Historical, Economic, Geographic Themes; Western & Non-Western; Rome		American Legal System; Criminal Law; Juvenile Justice System; Torts; Consumer, Family, & Housing Law; Individual Rights & Liberties		Intrapersonal & Interpersonal Skills; Organization Structure & Operations; Judgment; Problem Solving; Decision Making		Late Middle Ages to Present; Significant Events; Concepts, & Understandings in Western & Non-Western Traditions		Human Behavior; Learning; Intelligence; Personality; Behavior Patterns; Growth & Development; Interpersonal Relationships; Social Issues		Human Behavior in Society & Institutions; Roles & Relationships of People; Norms; Socialization; Stratifications; Group Dynamics; Social Problems		1877-Present; Reconstruction; Jim Crowe; Progressive Era; Industrialization; WWI & II; Civil Rights		Forms & Values of Ancient & Contemporary Religions; Major Movements; Hinduism; Buddhism; Confucianism; Taoism; Judaism; Christianity; Islam	
Theatre +	Theatre Arts & Stagecraft			Visual Arts+	Art				Photography				Key: *Graduation Requirement + Will count towards fine arts credit					
	Self Expression; Verbal Communication & Collaboration; Aesthetic Criticism; Acting Styles; Theatre History; Movement; Lights; Sound; Props; Costumes; Make-Up; Publicity				Drawing; Painting; Printmaking; Sculpture; Crafts; Traditional & Contemporary Art from Different Cultures; Personal Aesthetic; Exhibit Breadth				Vocabulary; 35mm Camera Skills; Film Processing; Darkroom Techniques; Print Manipulation; Pinhole Photography; Alternative Approaches; Composition & Aesthetic									

Reflection

I found this chart to be enlightening and challenging at the same time. I used the HCPSS Catalogue of Approved High School Courses 2011-2012 as my primary source. It was a very helpful resource that included a brief paragraph highlighting the curriculum goals for each course offered in Howard County. I then discussed this assignment with my Vice Principal Laurie Gambino. Ms. Gambino is in charge of the master schedule and was able to tell me what would be offered in the upcoming school year. We had an interesting conversation about the ways that the schedule changes from year to year. As a librarian, I will want to get books that span a few different curricular needs because it is not guaranteed that classes will be available from year to year. This is not something that I had considered before.

Once I began my chart I realized that there were a few subjects that were not described very well in the course book. I sought out those teachers to get their feedback to ensure that my information was accurate. I also had some discussions with my librarians about how they might use a chart like this. Binki McKenna, one of the school librarians, said that a chart like this would be useful at the beginning stages of a collection but after a while in the school you tend to focus more on keeping things up to date. As a new librarian I definitely see the value in mapping out the curriculum, especially if I end up being placed in a new school. McKenna also noted that they measure whether the curriculum needs are met by examining the check-out trends in the library.

As I began to flesh out the actual chart I decided to organize it alphabetically by department, and then course. I gave each department a color so it was easy to locate similar classes. In some instances I consolidated classes that were similar (examples: Music, Algebra) to save space. I include the math department even though I know I will not be buying a whole lot for them because I wanted to keep them on my radar. I may be able to help their department in other ways through technology or professional development resources. I really like the way it turned out. I was surprised at how many classes are actually offered at RHS. It really is amazing that we have a library that attempts to meet the needs of all those classes. I also realized that many of the different classes have overlapping themes and topics. It would be important to look at those overlaps as a way to get more bang for my budget when I am ordering. It also made me think about the collaborative options that could be coordinated between different subjects. I think the media center would be an optimal place to have a meeting of subjects and to show kids that the things they learn in different classes do connect.

Overall, I thought this project was enlightening. I now have a clearer picture of the needs and expectations of the curriculum. I definitely think this would be helpful in the first few years of librarianship at a school.