



Oakland Mills High School Curriculum Overview



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English	English 9	English 10	English 11	English 12	Drama
	Lit: <u>Writers</u> <ul style="list-style-type: none"> autobiography nonfiction point of view, characterization <i>Night, Black Boy, To Kill a Mockingbird, Growing Up, Hiroshima, Great Expectations, Midsummer Night's Dream</i> 	Lit: <u>Archetypes</u> <ul style="list-style-type: none"> stereotypes coming of age romance: quest tragedy: tragic hero, tragic flaw satire, social criticism <i>Raisin in the Sun, Catcher in the Rye, Lord of the Flies, Macbeth</i> 	Lit: <u>American</u> <ul style="list-style-type: none"> Puritanism neoclassicism romanticism transcendentalism realism modernism <i>Scarlet Letter, Huck Finn, Great Gatsby, Of Mice and Men, Maus</i> 	Lit: <u>British</u> <ul style="list-style-type: none"> literary criticism social issues books into film <i>Ethan Frome, Their Eyes Were Watching God, Slaughterhouse Five, Hamlet, King Lear</i> 	<ul style="list-style-type: none"> movement voice scene blocking costuming makeup direction script development critiquing
	<u>Writing</u> <ul style="list-style-type: none"> personal narrative persuasive essay theme analysis "controlled sources" research paper 	<u>Writing</u> <ul style="list-style-type: none"> cause/effect essay romantic narrative satirical essay theme analysis research paper 	<u>Writing</u> <ul style="list-style-type: none"> historical analysis theme analysis resume/cover letter college app. essay research paper 	<u>Writing</u> <ul style="list-style-type: none"> college app. essay social issues essay theme analysis oral presentation research paper 	Journalism
					<ul style="list-style-type: none"> interviews layout design desktop publishing digital images business management advertising promotion

Math	Pre-Algebra, Algebra I, II	Consumer Math	Geometry	Precalculus, Trigonometry	Calculus
	<ul style="list-style-type: none"> order of operations graph, table probability statistics, problem solving 	<ul style="list-style-type: none"> salary, net pay bank account stock market budgeting, taxes car financing home mortgage 	<ul style="list-style-type: none"> proof line, angle, plane shape area, volume, surface area 	<ul style="list-style-type: none"> sine curve exponent logarithm polar coordinates vector series, limit 	<ul style="list-style-type: none"> function, limit rate of change derivative motion optimization

Science	Earth/Space	Biology	Chemistry	Physics
	<u>Climate</u> <ul style="list-style-type: none"> atmosphere, hydrosphere water/carbon cycle climatographs <u>Geology</u> <ul style="list-style-type: none"> rock formation, classif. plate tectonics geological dating <u>Astronomy</u> <ul style="list-style-type: none"> solar system formation revolution/rotation/gravity 	<u>Life Chemistry</u> <ul style="list-style-type: none"> water, enzymes <u>Cells, Homeostasis</u> <ul style="list-style-type: none"> cell structure, function, organisms <u>Energy for Life</u> <ul style="list-style-type: none"> photosynthesis, cellular respiration <u>Nucleic Acids, Proteins</u> <ul style="list-style-type: none"> genes, chromosomes, DNA, cell cycles <u>Genetics</u> <ul style="list-style-type: none"> gene recombination, trait inheritance <u>Evolution</u> <ul style="list-style-type: none"> fossils, natural selection, biodiversity 	<u>Atomic Structure</u> <ul style="list-style-type: none"> electron arrangement periodic table <u>Compounds</u> <ul style="list-style-type: none"> moles chemical reactions <u>States and Interactions</u> <ul style="list-style-type: none"> gases, solutions reaction rates, equilibrium acids, bases 	<u>Force, Motion</u> <ul style="list-style-type: none"> Newton, gravity vectors, circular motion projectiles <u>Energy, Momentum</u> <ul style="list-style-type: none"> collision, work kinetic/ mechanical energy <u>Electricity, Magnetism</u> <ul style="list-style-type: none"> charge, discharge electron flow, spin circuits
			<u>Astronomy</u> <ul style="list-style-type: none"> light, solar system, constellation, galaxy Big Bang, pulsar, black hole Copernicus, Galileo, Newton, Einstein, Hubble 	<u>Waves</u> <ul style="list-style-type: none"> wave energy refraction, Doppler

Foreign Languages	Spanish/ French/ German	Latin
	<ul style="list-style-type: none"> <u>Functions</u>: time, color, number, money, greeting, travel <u>Activities</u>: sports, dining, shopping, entertainment <u>Community</u>: family, school, city, profession, culture 	<u>Language</u> <ul style="list-style-type: none"> word roots verb conjugation sentence syntax <u>Culture</u> <ul style="list-style-type: none"> Roman history, law, politics, war, family, mythology <i>Aeneid</i>, Cicero

Health/PE	Health	Dance	Weights
	<ul style="list-style-type: none"> alcohol, tobacco, drugs nutrition, fitness mental health disease control first aid sexuality consumer health 	<ul style="list-style-type: none"> ballet, jazz, tap aesthetics dance history anatomy choreography 	<ul style="list-style-type: none"> anatomy muscle groups daily caloric intake cardio-respiratory exercise target heart rate

Social Studies	U.S. After 1877	U.S. Gov't, Economy	Modern World	Psychology
	<u>Gilded Age, 1877-1900</u> <ul style="list-style-type: none"> Progressive Era immigration Andrew Carnegie <u>Women in 20th Century</u> <ul style="list-style-type: none"> women's universities Amelia Earhart <u>WWI, WWII</u> <ul style="list-style-type: none"> European/Pacific theaters propaganda <u>International Affairs after 1945</u> <ul style="list-style-type: none"> Marshall Plan Cold War Korea, Vietnam <u>Civil Rights</u> <ul style="list-style-type: none"> Martin Luther King Brown vs. Board Plessy vs. Ferguson 	<u>Principles</u> <ul style="list-style-type: none"> Constitution, limited gov't, checks/balance <u>Structure</u> <ul style="list-style-type: none"> legislative, executive, judicial <u>Influencing Government</u> <ul style="list-style-type: none"> voting, media, interest groups, demographics <u>Public Policy</u> <ul style="list-style-type: none"> EPA, health, education, immigration, defense, human rights <u>Justice</u> <ul style="list-style-type: none"> civil rights, law: civil, criminal, Constitutional <u>Economics</u> <ul style="list-style-type: none"> systems, mixed market, welfare 	<u>Africa, Asia – pre-1500</u> <ul style="list-style-type: none"> Asian philosophies, Islam, African civilizations <u>Emergence of Modern Europe 1300-1850</u> <ul style="list-style-type: none"> Renaissance, Reforma-tion, exploration, En-lightenment, French Rev. <u>Nationalism, Industrial-ism, Imperialism</u> <ul style="list-style-type: none"> liberalism/conservatism, socialism, Versailles, League of Nations <u>Modern Crises</u> <ul style="list-style-type: none"> communism, fascism, Holocaust, atomic bomb, nuclear arms, deforestation 	<ul style="list-style-type: none"> learning intelligence mental hygiene behavior patterns growth, development social issues Freud, Piaget
				Anthropology
				<ul style="list-style-type: none"> archaeology skull structure evolution ancient art mythology language roots

Art	Art I	Art II-IV	Photography
	<ul style="list-style-type: none"> texture, space repetition painting printmaking sculpture 	<ul style="list-style-type: none"> light dimension human figure portraiture 	<ul style="list-style-type: none"> 35mm single lens reflex camera film processing dark room pinhole camera

Computers	Software Apps	Computer Sci
	<ul style="list-style-type: none"> word processing database spreadsheet web design: HTML, Dreamweaver digital image/video 	<ul style="list-style-type: none"> Visual BASIC JAVA Graphical User Interface (GUI) functions, decision/looping structures Boolean search

Music	Band/ Strings	Choir
	<ul style="list-style-type: none"> styles historical periods ensemble performance 	<ul style="list-style-type: none"> styles historical periods soprano/alto tenor/bass

JROTC	Air Force
	<ul style="list-style-type: none"> drill, ceremony oral comm.. leadership branch org. tech. systems

Family Sci	Food/Nutrition	Early Child Development
	<ul style="list-style-type: none"> cooking technique nutrition consumerism safety, sanitation 	<ul style="list-style-type: none"> education theory infant development child abuse exceptionality daycare, careers

Sources

- essential curriculum documents in the HCPSS Document Repository
- HCPSS Catalog of Approved High School Courses 2005-2006
- Oakland Mills HS teachers in social studies, science, foreign languages, JROTC, computer science, math, art, and English departments

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Curriculum Overview Reflection

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Sources

Much of the information in this chart I found by scrounging through essential curriculum documents in the Howard County Document Repository. I also consulted the HCPSS Catalog of Approved High School Courses 2005-2006, and spoke with teachers around the building to collect buzzwords used in their classrooms.

Stumbling Blocks

Many essential curriculum documents are jargonish or split into multiple versions for different disciplines, often in different versions (last approved versus working draft). This slowed the collection process down.

Teachers in my building were willing to help at a cursory level, but were too busy to grant me more than two or three minutes of time. A revision of this chart could be compiled by sitting down with each department for ten minutes with a whiteboard – which would be useful in the longrun, but was not feasible given the structure and deadlines of this assignment.

Teachers Consulted

I visited with teachers in several departments: social studies, science, foreign languages, JROTC, computer science, math, art, and English departments. I had extensive conversations with teachers in the English and social studies departments, but was able to get only a few minutes of time out of other teachers.

Significant Learning

I came to this assignment with a prejudice against math. What would I be able to include? I was surprised by the Consumer Math course, which involves real-world everyday math applications that can be supported easily by the media program.

I gained an appreciation for smaller elective courses, which may be fewer in enrollment but rich in opportunities for support from the media center. For example, I was able to include very specific, concrete bullets for many smaller electives: Health, Food/Nutrition, Early Childhood Development, Latin, Astronomy, and even Weights (yes, Weights!). Although these classes reach fewer students than a general math or English course, real learning still occurs in them. Because they may so easily be supported through nonfiction books, **these classes may be a better avenue for teaching media research skills than a more general class such as English.**