State Correlations Report: Pennsylvania

Grade: Middle School Date: 9/20/2012

Subject: MS Earth and Space Science Report Name: State Correlations Report 09-20-2012

Generated By: jk jk

Strand Key	Description	Learning Activities	Lesson Quizzes
S8.D.1.1.1	Earth and Space Sciences Earth Features and Processes that Change Earth and Its Resources Explain the rock cycle as changes in the solid earth and rock types (igneous-granite, basalt, obsidian, pumice; sedimentary-limestone, sandstone, shale, coal; and metamorphic-slate, quartzite, marble, gneiss).	MSSC123 MSSC512 MSSC122 MSSC690 MSSC125 MSSC627 MSSC553 MSSC554 MSSC121 MSSC626 MSSC511 MSSC116 MSSC411 MSSC550 MSSC117 MSSC685 MSSC119 MSSC447 MSSC551 MSSC126 MSSC127 MSSC692 MSSC129 MSSC449 MSSC694	MH1443 MH1442 MH1452
			MH1456
S8.D.1.1.2	Earth and Space Sciences Earth Features and Processes that Change Earth and Its Resources Describe natural processes that change Earth's surface (e.g., landslides, volcanic eruptions, earthquakes, mountain building, new land being formed, weathering, erosion, sedimentation, soil formation).	MSSC125 MSSC627 MSSC553 MSSC554 MSSC116 MSSC411 MSSC550 MSSC117 MSSC685 MSSC123 MSSC126 MSSC127 MSSC692 MSSC128 MSSC693 MSSC129 MSSC449 MSSC694 MSSC130 MSSC695 MSSC513 MSSC131 MSSC450 MSSC628 MSSC696 MSSC132	MH1452 MH1421

S8.D.1.1.3	Earth and Space Sciences Earth Features and Processes that Change Earth and Its Resources Identify soil types (i.e., humus, topsoil, subsoil, loam, loess, and parent material) and their characteristics (i.e., particle size, porosity, and permeability) found in different biomes and in Pennsylvania, and explain how they formed.	MSSC431 MSSC430 MSSC628 MSSC696 MSSC179 MSSC456 MSSC724 MSSC725 MSSC726	
S8.D.1.1.4	Earth and Space Sciences Earth Features and Processes that Change Earth and Its Resources Explain how fossils provide evidence about plants and animals that once lived throughout Pennsylvania's history (e.g., fossils provide evidence of different environments).	MSSC118 MSSC686 MSSC687 MSSC688 MSSC119 MSSC447 MSSC551 MSSC125 MSSC627 MSSC553 MSSC554 MSSC126 MSSC127 MSSC692 MSSC128 MSSC693 MSSC206 MSSC743 MSSC207 MSSC472 MSSC744	MH1431 MH1432 MH1452 MH1453 MH1454 MH1455 ML1475
S8.D.1.2.1	Earth and Space Sciences Earth Features and Processes that Change Earth and Its Resources Describe a product's transformation process from production to consumption (e.g., prospecting, propagating, growing, maintaining, adapting, treating, converting, distributing, disposing) and explain the process's potential impact on Earth's resources.	MSSC113 MSSC547 MSSC548 MSSC549 MSSC446 MSSC112 MSSC444 MSSC445 MSSC114 MSSC138 MSSC701 MSSC556 MSSC110 MSSC682 MSSC683 MSSC111 MSSC684	MH1414 MH1413 MH1415 MH1481 MH1411 MH1412

S8.D.1.2.2	Earth and Space Sciences Earth Features and Processes that Change Earth and Its Resources Describe potential impacts of human made processes (e.g., manufacturing, agriculture, transportation, mining) on Earth's resources, both nonliving (i.e., air, water, or earth materials) and living (i.e., plants and animals).	MSSC113 MSSC547 MSSC548 MSSC549 MSSC112 MSSC444 MSSC445 MSSC114 MSSC138 MSSC701 MSSC556 MSSC135 MSSC699 MSSC110 MSSC682 MSSC683 MSSC111 MSSC684 MSSC180 MSSC457 MSSC563 MSSC182 MSSC565	MH1414 MH1413 MH1415 MH1481 MH1472 MH1411 MH1412 ML1442 ML1444
S8.D.1.3.1	Earth and Space Sciences Earth Features and Processes that Change Earth and Its Resources Describe the water cycle and the physical processes on which it depends (i.e., evaporation, condensation, precipitation, transpiration, runoff, infiltration, energy inputs, and phase changes).	MSSC133 MSSC451 MSSC698 MSSC134 MSSC412 MSSC514 MSSC141 MSSC703 MSSC704 MSSC557 MSSC035 MSSC646 MSSC037 MSSC506 MSSC036 MSSC647 MSSC054 MSSC055 MSSC609 MSSC056 MSSC408 MSSC135 MSSC699 MSSC136 MSSC629 MSSC700 MSSC555 MSSC137 MSSC630 MSSC138 MSSC701 MSSC556 MSSC139 MSSC702 MSSC140 MSSC413 MSSC142 MSSC143 MSSC414 MSSC705 MSSC558 MSSC145 MSSC707	MH1471 MH1484 MP1411 MP1413

S8.D.1.3.2	Earth and Space Sciences Earth Features and Processes that Change Earth and Its Resources Compare and contrast characteristics of freshwater and saltwater systems on the basis of their physical characteristics (i.e., composition, density, and electrical conductivity) and their use as natural resources.	MSSC111 MSSC684 MSSC112 MSSC444 MSSC445 MSSC134 MSSC412 MSSC514 MSSC135 MSSC699 MSSC136 MSSC629 MSSC700 MSSC555 MSSC137 MSSC630 MSSC036 MSSC647 MSSC081 MSSC615	
S8.D.1.3.3	Earth and Space Sciences Earth Features and Processes that Change Earth and Its Resources Distinguish among different water systems (e.g., wetland systems, ocean systems, river systems, watersheds) and describe their relationships to each other as well as to landforms.	MSSC724 MSSC725 MSSC726	MH1472 MH1473 MH1474 MH1471 MH1412 MH1413 MH1452 MH1453 MH1454 MH1455 ML1441 MH1461
S8.D.1.3.4	Earth and Space Sciences Earth Features and Processes that Change Earth and Its Resources Identify the physical characteristics of a stream and how these characteristics determine the types of organisms found within the stream environment (e.g., biological diversity, water quality, flow rate, tributaries, surrounding watershed).	MSSC135 MSSC699 MSSC180 MSSC457 MSSC563 MSSC182 MSSC565 MSSC133 MSSC451 MSSC698 MSSC134 MSSC412 MSSC514	MH1472 ML1442 ML1444 MH1461 MH1471

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S8.D.2.1.1	Earth and Space Sciences Weather, Climate, and Atmospheric Processes	MSSC133 N			
	Explain the impact of water systems on the local weather or	MSSC143 N			
	the climate of a region (e.g., lake effect snow, land/ocean	MSSC558 N			
	breezes).	MSSC515 N			
		MSSC134 N			MH1461
		MSSC136 N		W33C100	
		MSSC555 N			
		MSSC138 N			
		MSSC139 N			MH1494
		MSSC413 N			MH1471
		MSSC704 N	MSSC557	MSSC142	MH1473
					MH1474
					MH1481
					MH1482
					MH1483
					MH1484
					MH1491
S8.D.2.1.2	Earth and Space Sciences	MSSC133 N	MSSC451	MSSC698	
	Weather, Climate, and Atmospheric Processes	MSSC143 N	MSSC414	MSSC705	
	Identify how global patterns of atmospheric movement influence regional weather and climate.				
		MSSC558 N	MSSC144	MSSC706	
	and onnaio	MSSC558 MSSC515 M			
			MSSC145	MSSC707	
		MSSC515 N	MSSC145 MSSC702	MSSC707 MSSC140 MSSC138	MH1461
		MSSC515 M	MSSC145 MSSC702 MSSC142	MSSC707 MSSC140 MSSC138	MH1461 MH1492
		MSSC515 M MSSC139 M MSSC413 M	MSSC145 MSSC702 MSSC142 MSSC137	MSSC707 MSSC140 MSSC138 MSSC630	MH1492
		MSSC515 M MSSC139 M MSSC413 M MSSC556 M MSSC134 M MSSC141 M	MSSC145 MSSC702 MSSC142 MSSC137 MSSC412 MSSC703	MSSC707 MSSC140 MSSC138 MSSC630 MSSC514 MSSC704	MH1492 MH1493 MH1494
		MSSC515 M MSSC139 M MSSC413 M MSSC556 M MSSC134 M MSSC141 M	MSSC145 MSSC702 MSSC142 MSSC137 MSSC412 MSSC703	MSSC707 MSSC140 MSSC138 MSSC630 MSSC514 MSSC704	MH1492 MH1493 MH1494
		MSSC515 M MSSC139 M MSSC413 M MSSC556 M MSSC134 M	MSSC145 MSSC702 MSSC142 MSSC137 MSSC412 MSSC703 MSSC136	MSSC707 MSSC140 MSSC138 MSSC630 MSSC514 MSSC704	MH1492 MH1493 MH1494
		MSSC515 M MSSC139 M MSSC413 M MSSC556 M MSSC134 M MSSC141 M MSSC557 M	MSSC145 MSSC702 MSSC142 MSSC137 MSSC412 MSSC703 MSSC136	MSSC707 MSSC140 MSSC138 MSSC630 MSSC514 MSSC704 MSSC629	MH1492 MH1493 MH1494 MH1482
		MSSC515 M MSSC139 M MSSC413 M MSSC556 M MSSC134 M MSSC141 M MSSC557 M	MSSC145 MSSC702 MSSC142 MSSC137 MSSC412 MSSC703 MSSC136	MSSC707 MSSC140 MSSC138 MSSC630 MSSC514 MSSC704 MSSC629	MH1492 MH1493 MH1494 MH1482 MH1483 MH1491
		MSSC515 M MSSC139 M MSSC413 M MSSC556 M MSSC134 M MSSC141 M MSSC557 M	MSSC145 MSSC702 MSSC142 MSSC137 MSSC412 MSSC703 MSSC136	MSSC707 MSSC140 MSSC138 MSSC630 MSSC514 MSSC704 MSSC629	MH1492 MH1493 MH1494 MH1482 MH1483
		MSSC515 M MSSC139 M MSSC413 M MSSC556 M MSSC134 M MSSC141 M MSSC557 M	MSSC145 MSSC702 MSSC142 MSSC137 MSSC412 MSSC703 MSSC136	MSSC707 MSSC140 MSSC138 MSSC630 MSSC514 MSSC704 MSSC629	MH1492 MH1493 MH1494 MH1482 MH1483 MH1491 MH1481 MH1474
		MSSC515 M MSSC139 M MSSC413 M MSSC556 M MSSC134 M MSSC141 M MSSC557 M	MSSC145 MSSC702 MSSC142 MSSC137 MSSC412 MSSC703 MSSC136	MSSC707 MSSC140 MSSC138 MSSC630 MSSC514 MSSC704 MSSC629	MH1492 MH1493 MH1494 MH1482 MH1483 MH1491 MH1481 MH1474 MH1474
		MSSC515 M MSSC139 M MSSC413 M MSSC556 M MSSC134 M MSSC141 M MSSC557 M	MSSC145 MSSC702 MSSC142 MSSC137 MSSC412 MSSC703 MSSC136	MSSC707 MSSC140 MSSC138 MSSC630 MSSC514 MSSC704 MSSC629	MH1492 MH1493 MH1494 MH1482 MH1483 MH1491 MH1481 MH1474

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S8.D.2.1.3	Earth and Space Sciences Weather, Climate, and Atmospheric Processes	MSSC133 MSSC451 MSSC698	
	Identify how cloud types, wind directions, and barometric	MSSC143 MSSC414 MSSC705	
	pressure changes are associated with weather patterns in	MSSC558 MSSC144 MSSC706	
	different regions of the country.	MSSC515 MSSC145 MSSC707	
		MSSC141 MSSC703 MSSC704	
		MSSC557 MSSC139 MSSC702	MH1461
		MSSC140 MSSC413 MSSC142	MH1492
		MSSC138 MSSC701 MSSC556	
		MSSC137 MSSC630 MSSC134	MH1494
		MSSC412 MSSC514 MSSC136	MH1484
		MSSC629 MSSC700 MSSC555	MH1482
			MH1483
			MH1491
			MH1481
			MH1474
			MH1471
			MH1473
S8.D.3.1.1	Earth and Space Sciences	MSSC147 MSSC709 MSSC148	
	Composition and Structure of the Universe Describe patterns of earth's movements (i.e., rotation and	MSSC710 MSSC149 MSSC711	
	revolution) in relation to the moon and sun (i.e., phases,	MSSC152 MSSC159 MSSC415	
	eclipses, and tides).	MSSC716 MSSC559 MSSC150	MH14102
		MSSC452 MSSC712 MSSC16	MH14111
		MSSC160 MSSC717 MSSC162	
		MSSC153 MSSC631 MSSC158	MH14112
		MSSC633 MSSC715	MH14115
			MH14132
			MH14113
			MH14134
			MH14133
			MH14135
			MH14116
			MH14131

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S8.D.3.1.2	Earth and Space Sciences Composition and Structure of the Universe	MSSC069 MSSC664 MSSC079		
	Describe the role of gravity as the force that governs the	MSSC613 MSSC614 MSSC153		
	movement of the solar system and universe.	MSSC631 MSSC154 MSSC148		
		MSSC710 MSSC152 MSSC149		
			MSSC711 MSSC150 MSSC452	MP14112
		MSSC712 MSSC151 MSSC713	MH14116	
		MSSC155 MSSC632 MSSC157	MH14117	
		MSSC714	MH14111	
			MH14115	
			MH14112	
			MH14113	
			MH14114	
			MH14121	
			MH14123	
S8.D.3.1.3	Earth and Space Sciences	MSSC146 MSSC708 MSSC147		
	Composition and Structure of the Universe Compare and contrast characteristics of celestial bodies	MSSC709 MSSC148 MSSC710		
	found in the solar system (e.g., moons, asteroids, comets,	MSSC152 MSSC149 MSSC711	MH14101	
	meteors, inner and outer planets).	MSSC150 MSSC452 MSSC712	MH14102	
		MSSC151 MSSC713 MSSC153	MH14111	
		MSSC631 MSSC154		
			MH14115	
			MH14112	
			MH14113	
			MH14114	
			MH14116	
			MH14117	

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Strand Key	Description	Learning Activities	Lesson Quizzes
S8.B.1.1.1	Biological Sciences Structure and Function of Organisms Describe the structures of living things that help them function effectively in specific ways (e.g., adaptations, characteristics).	MSSC165 MSSC416 MSSC634 MSSC168 MSSC167 MSSC417 MSSC194 MSSC464 MSSC737 MSSC203 MSSC467 MSSC572 MSSC204 MSSC468 MSSC573 MSSC205 MSSC469 MSSC470 MSSC471 MSSC741 MSSC742 MSSC224 MSSC753 MSSC520 MSSC202 MSSC466 MSSC740	ML1411 ML1414
S8.B.1.1.2	Biological Sciences Structure and Function of Organisms Compare similarities and differences in internal structures of organisms (e.g., invertebrate/vertebrate, vascular/nonvascular, single celled/multi-celled) and external structures (e.g., appendages, body segments, type of covering, size, shape).	MSSC169 MSSC454 MSSC560 MSSC171 MSSC561 MSSC177 MSSC723 MSSC178 MSSC419 MSSC193 MSSC736 MSSC210 MSSC574 MSSC211 MSSC473 MSSC209 MSSC420 MSSC637 MSSC746 MSSC519 MSSC224 MSSC753 MSSC520	
S8.B.1.1.3	Biological Sciences Structure and Function of Organisms Apply knowledge of characteristic structures to identify or categorize organisms (i.e., plants, animals, fungi, bacteria, and protista).	MSSC165 MSSC416 MSSC634 MSSC210 MSSC574 MSSC211 MSSC473 MSSC209 MSSC420 MSSC637 MSSC746 MSSC519	ML1411 ML1482 ML1483 ML1481

S8.B.1.1.4	Biological Sciences Structure and Function of Organisms Identify the levels of organization from cell to organism and describe how specific structures (parts), which underlie larger systems, enable the system to function as a whole.		ML1411
S8.B.2.1.1	Biological Sciences Continuity of Life Explain how inherited structures or behaviors help organisms survive and reproduce in different environments.	MSSC193 MSSC736	ML1413
S8.B.2.1.2	Biological Sciences Continuity of Life Explain how different adaptations in individuals of the same species may affect survivability or reproduction success.	MSSC205 MSSC469 MSSC470 MSSC471 MSSC741 MSSC742 MSSC193 MSSC736	ML1471 ML1472 ML1473 ML1474 ML1461

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S8.B.2.1.3	Biological Sciences Continuity of Life	MSSC200 MSSC635 MSSC203	
	Explain that mutations can alter a gene and are the original	MSSC467 MSSC572 MSSC194	
	source of new variations.	MSSC464 MSSC737 MSSC199	
		MSSC193 MSSC736 MSSC195	
		MSSC738 MSSC196 MSSC465	ML1468
		MSSC570 MSSC202 MSSC466	ML1472
		MSSC740 MSSC204 MSSC468	ML1462
		MSSC573 MSSC205 MSSC469	ML1467
		MSSC470 MSSC471 MSSC741	
		MSSC742	ML1461
			ML1463
			ML1464
			ML1471
			ML1473
			ML1474
S8.B.2.1.4	Biological Sciences	MSSC200 MSSC635 MSSC194	
	Continuity of Life Describe how selective breeding or biotechnology can	MSSC464 MSSC737 MSSC201	ML1468
	change the genetic makeup of organisms.	MSSC636 MSSC571 MSSC193	
		MSSC736	
			ML1469
			ML1461
S8.B.2.1.5	Biological Sciences	MSSC200 MSSC635 MSSC194	
	Continuity of Life Explain that adaptations are developed over long periods of	MSSC464 MSSC737 MSSC202	
	time and are passed from one generation to another.	MSSC466 MSSC740 MSSC203	
		MSSC467 MSSC572 MSSC204	ML1468
		MSSC468 MSSC573 MSSC205	ML1462
		MSSC469 MSSC470 MSSC471	ML1471
		MSSC741 MSSC742 MSSC193	
		MSSC736	ML1472
			ML1473
			ML1474
			ML1461

S8.B.2.2.1	Biological Sciences Continuity of Life Identify and explain differences between inherited and acquired traits.	MSSC417 MSSC737 MSSC198 MSSC201 MSSC202 MSSC203 MSSC204 MSSC205	MSSC194 MSSC197 MSSC518 MSSC636 MSSC466 MSSC467 MSSC468 MSSC469	MSSC740 MSSC572	ML1461 ML1413 ML1462 ML1465
S8.B.2.2.2	Biological Sciences Continuity of Life Recognize that the gene is the basic unit of inheritance, that there are dominant and recessive genes, and that traits are inherited.	MSSC464 MSSC739 MSSC5199 MSSC571 MSSC740 MSSC572 MSSC573	MSSC737 MSSC198 MSSC201 MSSC202	MSSC469	ML1461
S8.B.3.1.1	Biological Sciences Ecological Behavior and Systems Explain the flow of energy through an ecosystem (e.g., food chains, food webs).	MSSC184 MSSC566	MSSC187	MSSC567 MSSC735 MSSC188 MSSC190	ML1452

S8.B.3.1.2	Biological Sciences Ecological Behavior and Systems Identify major biomes and describe abiotic and biotic components (e.g., abiotic: different soil types, air, water sunlight; biotic: soil microbes, decomposers).	MSSC179 MSSC456 MSSC724 MSSC725 MSSC726 MSSC727 MSSC728 MSSC729 MSSC730 MSSC731 MSSC180 MSSC457 MSSC732 MSSC563 MSSC181 MSSC564 MSSC182 MSSC565	ML1441 ML1442
S8.B.3.1.3	Biological Sciences Ecological Behavior and Systems Explain relationships among organisms (e.g., producers/consumers, predator/prey) in an ecosystem.	MSSC184 MSSC734 MSSC735 MSSC566 MSSC185 MSSC460 MSSC186 MSSC461 MSSC567 MSSC187 MSSC188 MSSC462 MSSC189 MSSC190 MSSC568	ML1446
S8.B.3.2.1	Biological Sciences Ecological Behavior and Systems Use evidence to explain factors that affect changes in populations (e.g., deforestation, disease, land use, natural disaster, invasive species).	MSSC113 MSSC547 MSSC548 MSSC549 MSSC114 MSSC180 MSSC457 MSSC732 MSSC563 MSSC181 MSSC564 MSSC182 MSSC565 MSSC183 MSSC458 MSSC459 MSSC733 MSSC184 MSSC734 MSSC735 MSSC566 MSSC185 MSSC460 MSSC186 MSSC461 MSSC567 MSSC208 MSSC745	MH1414

S8.B.3.2.2	Biological Sciences Ecological Behavior and Systems Use evidence to explain how diversity affects the ecological integrity of natural systems.	MSSC179 MSSC456 MSSC724 MSSC725 MSSC726 MSSC727 MSSC728 MSSC729 MSSC730 MSSC731 MSSC180 MSSC457 MSSC732 MSSC563 MSSC181 MSSC564 MSSC182 MSSC565 MSSC183 MSSC458 MSSC459 MSSC733 MSSC185 MSSC460 MSSC202 MSSC466 MSSC740 MSSC208 MSSC745	
S8.B.3.2.3	Biological Sciences Ecological Behavior and Systems Describe the response of organisms to environmental changes (e.g., changes in climate, hibernation, migration, coloration) and how those changes affect survival.	W33C400 W33C373 W33C203	ML1442 ML1443 ML1444 ML1471 ML1472 ML1473 ML1474 ML1477
S8.B.3.3.1	Biological Sciences Ecological Behavior and Systems Explain how human activities may affect local, regional, and global environments.	MSSC113 MSSC547 MSSC548 MSSC549 MSSC114 MSSC135 MSSC699 MSSC138 MSSC701 MSSC556 MSSC184 MSSC734 MSSC735 MSSC566 MSSC185 MSSC460 MSSC186 MSSC461 MSSC567 MSSC180 MSSC457 MSSC732 MSSC563 MSSC208 MSSC745	MH1414 MH1415 MH1472 MH1481 ML1446 ML1451 ML1452 ML1442 ML1477

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S8.B.3.3.2	Biological Sciences Ecological Behavior and Systems	MSSC112 MSSC444 MSSC445	
	Explain how renewable and nonrenewable resources provide for human needs (i.e., energy, food, water, clothing,	MSSC110 MSSC682 MSSC683	MH1413
		MSSC111 MSSC684 MSSC113	
	and shelter).	MSSC547 MSSC548 MSSC549	MH1411
			MH1412
			MH1414
S8.B.3.3.3	Biological Sciences	MSSC112 MSSC444 MSSC445	
	Ecological Behavior and Systems Describe how waste management affects the environment (e.g., recycling, composting, landfills, incineration, sewage treatment).	MSSC446 MSSC110 MSSC682	
		MSSC683 MSSC111 MSSC684	MH1413
		MSSC113 MSSC547 MSSC548	MH1411
		MSSC549 MSSC114	MH1412
			MH1414
			MH1415
S8.B.3.3.4	Biological Sciences	MSSC181 MSSC564 MSSC113	
	Ecological Behavior and Systems Explain the long-term effects of using integrated pest	MSSC547 MSSC548 MSSC549	
	management (e.g., herbicides, natural predators,	MSSC180 MSSC457 MSSC732	ML1443
	biogenetics) on the environment.	MSSC563 MSSC114 MSSC135	MH1414
		MSSC699	ML1442
			MH1415
			MH1472

State Correlations Report: Pennsylvania

Grade: Middle School

Date: 9/20/2012

Subject: MS Nature of Science

Report Name: PA State Correlations Report 09-20-2012

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Strand Key	Description	Learning Activities	Lesson Quizzes
S8.A.1.1.1	The Nature of Science Reasoning and Analysis Distinguish between a scientific theory and an opinion, explaining how a theory is supported with evidence, or how new data/information may change existing theories and practices.	MSSC007 MSSC011 MSSC402 MSSC503 MSSC015 MSSC425 MSSC021 MSSC428 MSSC523 MSSC022 MSSC429 MSSC024 MSSC430	MN1424
S8.A.1.1.2	The Nature of Science Reasoning and Analysis Explain how certain questions can be answered through scientific inquiry and/or technological design.	MSSC007 MSSC429 MSSC011 MSSC402 MSSC503 MSSC013 MSSC603 MSSC014 MSSC504 MSSC015 MSSC425 MSSC021 MSSC428 MSSC523 MSSC024 MSSC430	MN1424 MN1428 MN14210 MN14211 MN14212 MN1441 MN1444
S8.A.1.1.3	The Nature of Science Reasoning and Analysis Use evidence, such as observations or experimental results, to support inferences about a relationship.	MSSC006 MSSC424 MSSC010 MSSC011 MSSC402 MSSC503 MSSC015 MSSC425 MSSC021 MSSC428 MSSC523 MSSC022 MSSC429 MSSC024 MSSC430	MN1423

S8.A.1.1.4	The Nature of Science Reasoning and Analysis Develop descriptions, explanations, predictions, and models using evidence.	MSSC006 MSSC424 MSSC00 MSSC502 MSSC011 MSSC40 MSSC503 MSSC013 MSSC60 MSSC014 MSSC504 MSSC02 MSSC425 MSSC020 MSSC42 MSSC642 MSSC022 MSSC42 MSSC023 MSSC405 MSSC02 MSSC430	MN1423 MN1424 MN1428 MN14210 MN14211 MN14212 MN1435 MN1442
			MN1443 MN1444
S8.A.1.2.1	The Nature of Science Reasoning and Analysis Describe the positive and negative, intended and unintended, effects of specific scientific results or technological developments (e.g., air/space travel, genetic engineering, nuclear fission/fusion, artificial intelligence, lasers, organ transplants).	MSSC013 MSSC603 MSSC07 MSSC504 MSSC022 MSSC42 MSSC023 MSSC405 MSSC02 MSSC430 MSSC163 MSSC45 MSSC201 MSSC636 MSSC57 MSSC206 MSSC202 MSSC46 MSSC207 MSSC472	29 24 33 MN14210 71 MN14211
S8.A.1.2.2	The Nature of Science Reasoning and Analysis Identify environmental issues and explain their potential long-term health effects (e.g., pollution, pest controls, vaccinations).	MSSC113 MSSC547 MSSC54 MSSC549 MSSC112 MSSC44 MSSC445 MSSC114 MSSC13 MSSC556 MSSC135 MSSC22 MSSC475	MH1414

The Nature of Science Reasoning and Analysis Explain society's standard of living in terms of technological advancements and how these advancements impact on agriculture (e.g., transportation, processing, production, storage).	00.4 : 5 =	I				
Describe fundamental scientific or technological concepts that could solve practical problems (e.g., Newton's laws of motion, Mendelian genetics).	S8.A.1.2.3					
motion, Mendelian genetics). MSSC146 MSSC708 MSSC153 MSSC169 MSSC169 MSSC466 MSSC660 MSSC197 MSSC460 MSSC470 MSSC470 MSSC470 MSSC471 MSS		Describe fundamental scientific or technological concepts				
MSC631 MSC169 MSC454 MM1424 MM1445 MM1444 MM1444 MM1424 MM1444 MM1444 MM1444 MM1445 MM1444 MM144						
MSCC460 MSCC197 MSCC194 MP1421 MSCC464 MSCC205 MSCC494 MP1421 MP14108 MP1413 MP14108 MP1413 MP14108 MP141101 ML1465 ML1462 ML1462 ML1462 ML1462 ML1462 ML1463 ME14108		inotion, Mendellan genetics).				MN1424
Sa.A.1.2.4 The Nature of Science Reasoning and Analysis Explain society's standard of living in terms of technological advancements and how these advancements impact on agriculture (e.g., transportation, processing, production, storage). MSSC494 MSSC495 MSSC496 MSSC496 MI-1474						MN1444
MSSC470 MSSC471 MSSC741 MP1461 MP14108 MP14135 MH14101 MH14116 ML1421 ML1465 ML1462 ML1474						
MSSC742 MP14108 MP14135 MH14101 MH14116 ML1421 ML1465 ML1465 ML1462 ML1474						
Sa.A.1.2.4 The Nature of Science Reasoning and Analysis Explain society's standard of living in terms of technological advancements and how these advancements impact on agriculture (e.g., transportation, processing, production, storage). The Nature of Science Reasoning and Analysis Reasoning and Analysis Use ratio to describe change (e.g., percents, parts per million, grams per cubic centimeter, mechanical advantage). MSSC016 MSSC055 MSSC018 MSSC018 MSSC019 MSSC044 MSSC065 MSSC019 MSSC044 MSSC066 MSSC061 MSSC06				W33C47 1	W35C741	
MH14101			101330742			MP14108
S8.A.1.2.4 The Nature of Science Reasoning and Analysis Explain society's standard of living in terms of technological advancements and how these advancements impact on agriculture (e.g., transportation, processing, production, storage). MSSC201 MSSC636 MSSC571 ML1469						MP14135
S8.A.1.2.4 The Nature of Science Reasoning and Analysis Explain society's standard of living in terms of technological advancements and how these advancements impact on agriculture (e.g., transportation, processing, production, storage). MSSC201 MSSC636 MSSC571 ML1469						MH14101
S8.A.1.2.4 The Nature of Science Reasoning and Analysis Explain society's standard of living in terms of technological advancements and how these advancements impact on agriculture (e.g., transportation, processing, production, storage). MSSC201 MSSC636 MSSC571 ML1469 S8.A.1.3.1 The Nature of Science Reasoning and Analysis Use ratio to describe change (e.g., percents, parts per million, grams per cubic centimeter, mechanical advantage). MSSC426 MSSC604 MSSC019 MSSC430 MSSC605 MSSC019 MSSC430 MSSC6064 MSSC6060 MSSC534 MSSC610 MSSC610 MSSC610 MSSC610 MSSC611 MSSC611 MSSC611 MSSC611 MSSC612 MSSC612 MSSC612 MSSC612 MSSC612 MSSC613 MSSC613 MSSC614 MSSC614 MSSC615 MSSC615 MSSC615 MSSC615 MSSC616 MSSC617 MSSC617 MSSC618 MSSC618 MSSC618 MSSC619 MSSC						MH14116
S8.A.1.2.4 The Nature of Science Reasoning and Analysis Explain society's standard of living in terms of technological advancements and how these advancements impact on agriculture (e.g., transportation, processing, production, storage). S8.A.1.3.1 The Nature of Science Reasoning and Analysis Use ratio to describe change (e.g., percents, parts per million, grams per cubic centimeter, mechanical advantage). MSSC016 MSSC056 MSSC018 MSSC404 MSSC060 MSSC019 MSSC404 MSSC060 MSSC019 MSSC404 MSSC060 MSSC019 MSSC404 MSSC066 MSSC019 MSSC404 MSSC066 MSSC019 MSSC407 MSSC061 MSSC066 MSSC019 MSSC408 MSSC067 MSSC611 MSSC558 MSSC068 MSSC437 MSSC061 MSSC067 MSSC611 MSSC558 MSSC068 MSSC437 MSSC018 MN1431 MN1433 MN1434 MP1493 MP1495 MP1496 MP1497 MP14138						ML1421
Sa.A.1.2.4 The Nature of Science Reasoning and Analysis Explain society's standard of living in terms of technological advancements and how these advancements impact on agriculture (e.g., transportation, processing, production, storage). MSSC016 MSSC505 MSSC018 MSSC019 MSSC426 MSSC019 MSSC426 MSSC019 MSSC426 MSSC019 MSSC426 MSSC024 MSSC024 MSSC426 MSSC036 MSSC024 MSSC610 MSSC536 MSSC036 MSSC037 MSSC037 MSSC037 MSSC038 MSSC038 MSSC038 MSSC038 MSSC039						ML1465
S8.A.1.2.4 The Nature of Science Reasoning and Analysis Explain society's standard of living in terms of technological advancements and how these advancements impact on agriculture (e.g., transportation, processing, production, storage). S8.A.1.3.1 The Nature of Science Reasoning and Analysis Use ratio to describe change (e.g., percents, parts per million, grams per cubic centimeter, mechanical advantage). MSSC016 MSSC050 MSSC018 MSSC426 MSSC604 MSSC019 MSSC426 MSSC605 MSSC024 MSSC605 MSSC024 MSSC606 MSSC024 MSSC610 MSSC634 MSSC066 MSSC611 MSSC535 MSSC066 MSSC611 MSSC535 MSSC066 MSSC611 MSSC612 MSSC091 MSSC612 MSSC091 MSSC613 MSSC612 MSSC091 MSSC6143 MSSC612 MSSC091 MSSC6143 MSSC615 MSSC614 MN1434 MN1434 MP1493 MP1495 MP1496 MP1497 MP1497						ML1462
Reasoning and Analysis Explain society's standard of living in terms of technological advancements and how these advancements impact on agriculture (e.g., transportation, processing, production, storage). S8.A.1.3.1 The Nature of Science Reasoning and Analysis Use ratio to describe change (e.g., percents, parts per million, grams per cubic centimeter, mechanical advantage). MSSC016 MSSC016 MSSC004 MSSC019 MSSC404 MSSC0604 MSSC0604 MSSC0604 MSSC0606 MSSC0610 MSSC0606 MSSC0610 MSC0610 MSSC0610 MS						ML1474
Reasoning and Analysis Use ratio to describe change (e.g., percents, parts per million, grams per cubic centimeter, mechanical advantage). MSSC426 MSSC604 MSSC019 MSSC430 MSSC064 MSSC066 MSSC610 MSSC534 MSSC067 MSSC611 MSSC535 MSSC068 MSSC437 MSSC612 MSSC091 MSSC430 MSSC534 MSSC067 MSSC611 MSSC535 MSSC068 MSSC437 MSSC612 MSSC091 MSSC443 MSSC198 MSSC518 MN1434 MP1493 MP1495 MP1496 MP1497 MP14138	S8.A.1.2.4	Reasoning and Analysis Explain society's standard of living in terms of technological advancements and how these advancements impact on agriculture (e.g., transportation, processing, production,	MSSC201	MSSC636	MSSC571	ML1469
Use ratio to describe change (e.g., percents, parts per million, grams per cubic centimeter, mechanical advantage). MSSC404 MSSC605 MSSC024 MSSC430 MSSC064 MSSC066 MSSC610 MSSC534 MSSC067 MSSC611 MSSC535 MSSC068 MSSC437 MSSC612 MSSC091 MN1434 MN1434 MN1435 MN1436 MN1436 MN1437 MN1496 MP1497 MP14138 MN1438 MN1438	S8.A.1.3.1		MSSC016	MSSC505	MSSC018	
million, grams per cubic centimeter, mechanical advantage). MSSC430 MSSC064 MSSC066 MSSC066 MSSC066 MSSC067 MSSC610 MSSC534 MSSC067 MSSC611 MSSC535 MSSC068 MSSC068 MSSC437 MSSC612 MSSC091 MSSC437 MSSC612 MSSC091 MSSC443 MSSC198 MSSC518 MSSC443 MSSC198 MSSC518 MP1493 MP1495 MP1496 MP1497 MP14138			MSSC426	MSSC604	MSSC019	
MSSC610 MSSC534 MSSC067 MSSC611 MSSC535 MSSC068 MSSC437 MSSC612 MSSC091 MN1434 MSSC443 MSSC198 MSSC518 MN1444 MP1493 MP1495 MP1496 MP1497 MP14138			MSSC404	MSSC605	MSSC024	
MSSC610 MSSC534 MSSC067 MSSC611 MSSC535 MSSC068 MSSC437 MSSC612 MSSC091 MN1434 MSSC443 MSSC198 MSSC518 MN1444 MP1493 MP1495 MP1496 MP1497 MP14138		advantage).	MSSC430	MSSC064	MSSC066	MN1431
MSSC611 MSSC535 MSSC068 MSSC437 MSSC612 MSSC091 MSSC443 MSSC198 MSSC518 MP1493 MP1495 MP1496 MP1497 MP14138						
MSSC443 MSSC198 MSSC518 MN1444 MP1493 MP1495 MP1496 MP1497 MP14138						
MP1493 MP1495 MP1496 MP1497 MP14138						
MP1495 MP1496 MP1497 MP14138			MSSC443	MSSC198	MSSC518	
MP1496 MP1497 MP14138						MP1493
MP1497 MP14138						MP1495
MP14138						MP1496
						MP1497
ML1466						MP14138
						ML1466

S8.A.1.3.2	The Nature of Science Reasoning and Analysis Use evidence, observations, or explanations to make inferences about change in systems over time (e.g., carrying capacity, succession, population dynamics, loss of mass in chemical reactions, indicator fossils in geologic time scale) and the variables affecting these changes.	MSSC529 MSSC608 MSSC118 MSSC688 MSSC551 MSSC720 MSSC192 MSSC461	MSSC656 MSSC051 MSSC530 MSSC686 MSSC119 MSSC126 MSSC185 MSSC569 MSSC567 MSSC208	MSSC052 MSSC053 MSSC687 MSSC447 MSSC164 MSSC460 MSSC186	MP1452 MP1453 MP1454 MP1455 MP1456 MH1431 MH1432 MH1453 MH14142 ML1451 ML1458 ML1452 ML1475 ML1475
S8.A.1.3.3	The Nature of Science Reasoning and Analysis Examine systems changing over time, identifying the possible variables causing this change, and drawing inferences about how these variables affect this change.	MSSC529 MSSC608 MSSC118 MSSC688 MSSC551 MSSC185 MSSC569	MSSC530 MSSC686 MSSC119 MSSC126 MSSC460 MSSC186 MSSC206	MSSC052 MSSC053 MSSC687 MSSC447 MSSC164 MSSC192 MSSC461	MP1452 MP1453 MP1454 MP1455 MP1456 MH1431 MH1432 MH1453 MH14142 ML1451 ML1458 ML1458 ML1452 ML1475 ML1475

S8.A.1.3.4	The Nature of Science Reasoning and Analysis Given a scenario, explain how a dynamically changing environment provides for the sustainability of living systems.	MSSC725 MSSC728 MSSC731 MSSC732 MSSC564 MSSC183 MSSC733 MSSC735 MSSC460 MSSC567	MSSC726 MSSC729 MSSC180 MSSC563 MSSC182	MSSC730 MSSC457 MSSC181 MSSC565 MSSC459 MSSC734 MSSC185 MSSC461	ML1441
S8.A.2.1.1	The Nature of Science Processes, Procedures, and Tools of Scientific Investigations Use evidence, observations, or a variety of scales (e.g., mass, distance, volume, temperature) to describe relationships.	MSSC602 MSSC402 MSSC603 MSSC015 MSSC505 MSSC604 MSSC605 MSSC023	MSSC014 MSSC425 MSSC018 MSSC019 MSSC022 MSSC405 MSSC078	MSSC011 MSSC504 MSSC016 MSSC426 MSSC404 MSSC429 MSSC024	MN1425 MN1426

S8.A.2.1.2	The Nature of Science Processes, Procedures, and Tools of Scientific Investigations Use space/time relationships, define concepts operationally, raise testable questions, or formulate hypotheses.	MSSC424 MSSC008 MSSC602 MSSC402 MSSC603	MSSC007 MSSC601 MSSC010 MSSC503	MSSC006 MSSC502 MSSC009 MSSC011 MSSC505	MN1423
S8.A.2.1.3	The Nature of Science Processes, Procedures, and Tools of Scientific Investigations Design a controlled experiment by specifying how the independent variables will be manipulated, how the dependent variable will be measured, and which variables will be held constant.	MSSC424 MSSC010 MSSC503 MSSC603 MSSC015 MSSC018 MSSC019 MSSC020 MSSC021 MSSC021	MSSC011 MSSC012 MSSC014 MSSC425 MSSC017 MSSC426 MSSC404	MSSC502 MSSC402 MSSC013 MSSC504 MSSC016 MSSC604 MSSC605 MSSC642 MSSC523 MSSC023	MN1422 MN1423 MN1424

S8.A.2.1.4	The Nature of Science Processes, Procedures, and Tools of Scientific	MSSC010 MSSC012 MSSC016	
	Investigations	MSSC505 MSSC017 MSSC403	
	Interpret data/observations; develop relationships among variables based on data/observations to design models as	MSSC018 MSSC426 MSSC604	MN1427
	solutions.	MSSC019 MSSC404 MSSC605	
		MSSC020 MSSC427 MSSC642	
		MSSC022 MSSC429 MSSC024	MN1431
		MSSC430	MN1432
			MN1433
			MN1434
			MN1435
			MN1442
			MN1444
S8.A.2.1.5	The Nature of Science	MSSC010 MSSC011 MSSC402	
	Processes, Procedures, and Tools of Scientific Investigations	MSSC503 MSSC013 MSSC603	
	Use evidence from investigations to clearly communicate	MSSC014 MSSC504 MSSC015	MN1427
	and support conclusions.	MSSC425 MSSC016 MSSC505	
		MSSC022 MSSC429 MSSC023	MN1428
		MSSC405 MSSC024 MSSC430	MN14210
			MN14211
			MN14212
			MN1431
			MN1442
			MN1443
			MN1444
S8.A.2.1.6	The Nature of Science	MSSC009 MSSC602 MSSC010	
	Processes, Procedures, and Tools of Scientific Investigations	MSSC020 MSSC427 MSSC642	MN1426
	Identify a design flaw in a simple technological system and		MN1427
	devise possible working solutions.		MN1435

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S8.A.2.2.1	The Nature of Science Processes, Procedures, and Tools of Scientific	MSSC004 MSSC401 MSSC008	
	Investigations	MSSC601 MSSC009 MSSC602	
	Describe the appropriate use of instruments and scales to	MSSC010 MSSC013 MSSC603	
	accurately and safely measure time, mass, distance, volume, or temperature under a variety of conditions.	MSSC016 MSSC505 MSSC017	MN1421
	, , , , , , , , , , , , , , , , , , , ,		MN1425
		MSSC092 MSSC106 MSSC625	MN1426
		MSSC143 MSSC414 MSSC705	MN1427
		MSSC558	MN14210
			MN1431
			MN1432
			MP14111
			MP14141
			MP14166
			MH1492
S8.A.2.2.2	The Nature of Science	MSSC008 MSSC601 MSSC009	
	Processes, Procedures, and Tools of Scientific Investigations	MSSC602 MSSC010 MSSC013	
	Apply appropriate measurement systems (e.g., time, mass,	MSSC603 MSSC016 MSSC505	
	distance, volume, temperature) to record and interpret observations under varying conditions.	MSSC017 MSSC403 MSSC078	MN1425
	Section of the sectio	MSSC669 MSSC092 MSSC106	
		MSSC625 MSSC143 MSSC414	MN1427
		MSSC705 MSSC558	MN14210
			MN1431
			MN1432
			MP14111
			MP14141
			MP14166
			MH1492
S8.A.2.2.3	The Nature of Science	MSSC009 MSSC602 MSSC106	
	Processes, Procedures, and Tools of Scientific Investigations	MSSC625 MSSC143 MSSC414	MN1426
	Describe ways technology (e.g., microscope, telescope,	MSSC705 MSSC558	MP14166
	micrometer, hydraulics, barometer) extends and enhances human abilities for specific purposes.		MH1492
1	1		1

S8.A.3.1.2	The Nature of Science Systems, Models, and Patterns Explain the concept of order in a system [e.g., (first to last: manufacturing steps, trophic levels); (simple to complex: cell, tissue, organ, organ system)].	MSSC165 MSSC416 MSSC634 MSSC171 MSSC561 MSSC172 MSSC418 MSSC517 MSSC176 MSSC178 MSSC419 MSSC187 MSSC188 MSSC462 MSSC189 MSSC190 MSSC568 MSSC212	ML1411 ML1423
S8.A.3.1.3	The Nature of Science Systems, Models, and Patterns Distinguish among system inputs, system processes, system outputs, and feedback (e.g., physical, ecological, biological, informational).	MSSC091 MSSC443 MSSC168 MSSC173 MSSC455 MSSC722 MSSC190 MSSC568 MSSC191 MSSC463 MSSC219 MSSC749 MSSC220	MP14138 ML1414 ML1425 ML1456 ML1457 ML1498 ML1499
S8.A.3.1.4	The Nature of Science Systems, Models, and Patterns Distinguish between open loop (e.g., energy flow, food web) and closed loop (e.g., materials in the nitrogen and carbon cycles, closed-switch) systems.	MSSC051 MSSC093 MSSC543 MSSC190 MSSC568 MSSC191 MSSC463	MP1454 MP14142 ML1456 ML1457
S8.A.3.1.5	The Nature of Science Systems, Models, and Patterns Explain how components of natural and human-made systems play different roles in a working system.	MSSC091 MSSC443 MSSC134 MSSC412 MSSC514 MSSC135 MSSC699 MSSC148 MSSC152 MSSC168 MSSC173 MSSC455 MSSC722 MSSC190 MSSC568 MSSC191 MSSC463	

S8.A.3.2.1	The Nature of Science Systems, Models, and Patterns Describe how scientists use models to explore relationships in natural systems (e.g., an ecosystem, river system, the solar system).	MSSC020 MSSC427 MSSC MSSC038 MSSC648 MSSC MSSC699 MSSC148 MSSC MSSC153 MSSC631 MSSC MSSC564 MSSC190 MSSC MSSC191 MSSC463	MN1435 MP1421
			ML1456 ML1457
S8.A.3.2.2	The Nature of Science Systems, Models, and Patterns Describe how engineers use models to develop new and improved technologies to solve problems.	MSSC020 MSSC427 MSSC	MN1435
S8.A.3.2.3	The Nature of Science Systems, Models, and Patterns Given a model showing simple cause-and-effect relationships in a natural system, predict results that can be used to test the assumptions in the model (e.g., photosynthesis, water cycle, diffusion, infiltration).	MSSC020 MSSC427 MSSC MSSC006 MSSC424 MSSC MSSC502 MSSC038 MSSC MSSC134 MSSC412 MSSC MSSC152 MSSC173 MSSC MSSC722 MSSC191 MSSC	007 6648 MN1435 MN1423
S8.A.3.3.2	The Nature of Science Systems, Models, and Patterns Describe repeating structure patterns in nature (e.g., veins in a leaf, tree rings, crystals, water waves) or periodic patterns (e.g., daily, monthly, annually).	MSSC224 MSSC753 MSSC MSSC159 MSSC415 MSSC MSSC559 MSSC161 MSSC MSSC544 MSSC162	716 ML14111

State Correlations Report: Pennsylvania

Grade: High School

Subject: Pre-Calculus

Date: 9/20/2012

Report Name: State Correlations Report 09-20-2012

Generated By: jk jk

Strand Key	Description	Learning Activities	Lesson Quizzes
M11.A.1.1.1	Demonstrate an understanding of numbers, ways of representing numbers, relationships among numbers and number systems. Represent and/or use numbers in equivalent forms (e.g., integers, fractions, decimals, percents, square roots, exponents and scientific notation). Find the square root of an integer to the nearest tenth using either a calculator or estimation.	A1133 A1134	AI13A03
M11.A.1.1.2	Demonstrate an understanding of numbers, ways of representing numbers, relationships among numbers and number systems. Represent and/or use numbers in equivalent forms (e.g., integers, fractions, decimals, percents, square roots, exponents and scientific notation). Express numbers and/or simplify expressions using scientific notation (including numbers less than 1).	A1917 A1918	Al13l01
M11.A.1.1.3	Demonstrate an understanding of numbers, ways of representing numbers, relationships among numbers and number systems. Represent and/or use numbers in equivalent forms (e.g., integers, fractions, decimals, percents, square roots, exponents and scientific notation). Simplify square roots (e.g., square root of 24 = 2 square roots of 6).	A1133 A1134 A11131 A11132	AI13A03 AI13K03
M11.A.2.1.1	Understand the meanings of operations, use operations and understand how they relate to each other. Apply ratio and/or proportion in problem-solving situations. Solve problems using operations with rational numbers including rates and percents (single and multi-step and multiple procedure operations) (e.g., distance, work and mixture problems, etc.).	A1411 A1412 A1421 A1422 A1431 A1432 A1715 A1716 A11411 A11412	AI13D01 AI13D02 AI13D03 AI13G01 AI13N01
M11.A.2.1.2	Understand the meanings of operations, use operations and understand how they relate to each other. Apply ratio and/or proportion in problem-solving situations. Solve problems using direct and inverse proportions.	A1411 A1412 A1421 A1422 A1431 A1432 A1715 A1716 A11411 A11412	AI13D01 AI13D02 AI13D03 AI13G01 AI13N01

M11.A.2.1.3	Understand the meanings of operations, use operations and understand how they relate to each other. Apply ratio and/or proportion in problem-solving situations. Identify and/or use proportional relationships in problem solving settings.	A1412 A1431 A1716	aqa1221 A1421 A1432 A11411	A1411 A1422 A1715 A11412	AI13D01 AI13D02 AI13D03 AI13G01 AI13N01
M11.A.2.2.1	Understand the meanings of operations, use operations and understand how they relate to each other. Use exponents, roots and/or absolute value to solve problems. Simplify/evaluate expressions involving positive and negative exponents, roots and/or absolute value (may contain all types of real numbers - exponents should not exceed power of 10).	A1111 A1134	A1112 A1135	A1133 A1136	AI13A01 AI13A03
M11.A.2.2.2	Understand the meanings of operations, use operations and understand how they relate to each other. Use exponents, roots and/or absolute value to solve problems. Simplify/evaluate expressions involving multiplying with exponents (e.g. x^6 times $x^7 = x^13$), powers of powers (e.g., $(x^6)^7 = x^42$) and powers of products $(2x^2)^3 = 8x^6$ (positive exponents only).	a2270 A1912 A1915	aqa2270 A1913 A1916	A1911 A1914	A213F01 Al13l01
M11.A.3.1.1	Compute accurately and fluently and make reasonable estimates. Apply the order of operations in computation and in problem-solving situations. Simplify/evaluate expressions using the order of operations to solve problems (any rational numbers may be used).	A1133 A1136	A1134 A1211	A1135 A1212	Al13A03 Al13B01
M11.B.2.1.1	Apply appropriate techniques, tools and formulas to determine measurements. Use and/or compare measurements of angles. Measure and/or compare angles in degrees (up to 360 degrees) (protractor must be provided or drawn).	GE123	GE235	GE236	GE13B03
M11.B.2.2.1	Apply appropriate techniques, tools and formulas to determine measurements. Use and/or develop procedures to determine or describe measures of perimeter, circumference, area, surface area and/or volume. (May require conversions within the same system.) Calculate the surface area of prisms, cylinders, cones, pyramids and/or spheres. Formulas are provided on the reference sheet.	GE1011 GE1014 GE1017 GE1032	GE1012 GE1015 GE1018	GE1013 GE1016 GE1031	GE13J01 GE13J03
M11.B.2.2.2	Apply appropriate techniques, tools and formulas to determine measurements. Use and/or develop procedures to determine or describe measures of perimeter, circumference, area, surface area and/or volume. (May require conversions within the same system.) Calculate the volume of prisms, cylinders, cones, pyramids and/or spheres. Formulas are provided on the reference sheet.	GE1021 GE1024 GE1027 GE1034	GE1022 GE1025 GE1028 GE1041	GE1023 GE1026 GE1033 GE1042	GE13J02 GE13J03 GE13J04

M11.B.2.2.3	determine measurements. Use and/or develop procedures to determine or describe measures of perimeter, circumference, area, surface area and/or volume. (May require conversions within the same	GE727	GE728		GE13G02
	system.) Estimate area, perimeter or circumference of an irregular figure.				
M11.B.2.3.1	Apply appropriate techniques, tools and formulas to determine measurements. Describe how a change in one dimension of a figure (2 or 3 dimensional) affects other measurements of that figure. Describe how a change in the linear dimension of a figure affects its perimeter, circumference, area or volume. (How does changing the length of the radius of a circle affect the circumference of the circle? How does changing the length of the edge of a cube affect the volume of the cube? How does changing the length of the base of a triangle affect the area of the triangle?).	GE731 GE1012 GE1015 GE1022	GE732 GE1013 GE1016 GE1041	GE1011 GE1014 GE1021 GE1042	GE13G03 GE13J01 GE13J02 GE13J04
M11.C.1.1.1	Analyze characteristics and properties of two- and three-dimensional geometric shapes and demonstrate understanding of geometric relationships. Identify and/or use parts of circles and segments associated with circles. Identify and/or use the properties of a radius, diameter, and/or tangent of a circle (given numbers should be whole).	GE711 GE742 GE841	GE712 GE811 GE842	GE741 GE812	GE13G01 GE13G04 GE13H01 GE13H04
M11.C.1.1.2	Analyze characteristics and properties of two- and three- dimensional geometric shapes and demonstrate understanding of geometric relationships. Identify and/or use parts of circles and segments associated with circles. Identify and/or use the properties of arcs, semicircles, inscribed angles and/or central angles.	GE727 GE742 GE831	GE728 GE821 GE832	GE741 GE822	GE13G02 GE13G04 GE13H02 GE13H03
M11.C.1.2.1	Analyze characteristics and properties of two- and three-dimensional geometric shapes and demonstrate understanding of geometric relationships. Recognize and/or apply properties of angles, triangles and quadrilaterals. Identify and/or use properties of triangles (e.g., medians, altitudes, angle bisectors, side/angle relationships, Triangle Inequality Theorem).	GE311 GE354 GE413 GE422 GE425 GE428 GE435 GE522 GE533 GE536 GE1131	GE312 GE411 GE414 GE423 GE426 GE433 GE436 GE523 GE534 GE537 GE1132	GE353 GE412 GE421 GE424 GE427 GE434 GE521 GE524 GE535 GE538	GE13C01 GE13C05 GE13D01 GE13D02 GE13D03 GE13E02 GE13E03 GE13K03

M11.C.1.2.2	Analyze characteristics and properties of two- and three- dimensional geometric shapes and demonstrate understanding of geometric relationships. Recognize and/or apply properties of angles, triangles and quadrilaterals. Identify and/or use properties of quadrilaterals (e.g., parallel sides, diagonals, bisectors, congruent sides/angles and supplementary angles).	GE221 GE622	GE222 GE631	GE621 GE632	GE13B02 GE13F02 GE13F03
M11.C.1.2.3	Analyze characteristics and properties of two- and three-dimensional geometric shapes and demonstrate understanding of geometric relationships. Recognize and/or apply properties of angles, triangles and quadrilaterals. Identify and/or use properties of isosceles and equilateral triangles.	GE311 GE354 GE413 GE422 GE425 GE425 GE435 GE533 GE533 GE536	GE312 GE411 GE414 GE423 GE426 GE433 GE436 GE523 GE534 GE537	GE353 GE412 GE421 GE424 GE427 GE434 GE521 GE524 GE535 GE538	GE13C01 GE13C05 GE13D01 GE13D02 GE13D03 GE13E02 GE13E03
M11.C.1.3.1	Analyze characteristics and properties of two- and three-dimensional geometric shapes and demonstrate understanding of geometric relationships. Use properties of congruence, correspondence and similarity in problem-solving settings involving two- and three- dimensional figures. Identify and/or use properties of congruent and similar polygons or solids.	GE421 GE424 GE427 GE534 GE537 GE642 GE1041	GE422 GE425 GE428 GE535 GE538 GE731 GE1042	GE423 GE426 GE533 GE536 GE641 GE732	GE13D02 GE13E03 GE13F04 GE13G03 GE13J04
M11.C.1.4.1	Analyze characteristics and properties of two- and three-dimensional geometric shapes and demonstrate understanding of geometric relationships. Solve problems involving right triangles using the Pythagorean Theorem. Find the measure of a side of a right triangle using the Pythagorean Theorem (Pythagorean Theorem included on the reference sheet).	GE1121	GE1122		GE13K02
M11.C.3.1.1	Locate points or describe relationships using the coordinate plane. Solve problems using analytic geometry. Calculate the distance and/or midpoint between 2 points on a number line or on a coordinate plane (formula provided on the reference sheet).	A1111 A11342	A1112	A11341	AI13A01 AI13M04
M11.C.3.1.2	Locate points or describe relationships using the coordinate plane. Solve problems using analytic geometry. Relate slope to perpendicularity and/or parallelism (limit to linear algebraic expressions; slope formula provided on the reference sheet).	A1711 A1714	A1712 A1781	A1713 A1782	Al13G01 Al13G05

M11.D.1.1.1	Demonstrate an understanding of patterns, relations and functions. Analyze and/or use patterns or relations. Analyze a set of data for the existence of a pattern and represent the pattern algebraically and/or graphically.	pc490 aqpc500	aqpc490	pc500	PC13H02
M11.D.1.1.2	Demonstrate an understanding of patterns, relations and functions. Analyze and/or use patterns or relations. Determine if a relation is a function given a set of points or a graph.	a2010	aqa2010		A213A01
M11.D.1.1.3	Demonstrate an understanding of patterns, relations and functions. Analyze and/or use patterns or relations. Identify the domain, range or inverse of a relation (may be presented as ordered pairs or a table).	pc020 aqa2130	aqpc020	a2130	A213C02 PC13A02
M11.D.2.1.1	Represent and/or analyze mathematical situations using numbers, symbols, words, tables and/or graphs. Write, solve and/or graph linear equations and inequalities using various methods. Solve compound inequalities and/or graph their solution sets on a number line (may include absolute value inequalities).	A1551 A1562	A1552	A1561	Al13E05 Al13E06
M11.D.2.1.2	Represent and/or analyze mathematical situations using numbers, symbols, words, tables and/or graphs. Write, solve and/or graph linear equations and inequalities using various methods. Identify or graph functions, linear equations or linear inequalities on a coordinate plane.	pc090	A1841	A1842	AI13H04 PC13B01
M11.D.2.1.3	Represent and/or analyze mathematical situations using numbers, symbols, words, tables and/or graphs. Write, solve and/or graph linear equations and inequalities using various methods. Write, solve and/or apply a linear equation (including problem situations).	pc090 a2070	a2060 a2075	aqa2060	A213B02 PC13B01
M11.D.2.1.4	Represent and/or analyze mathematical situations using numbers, symbols, words, tables and/or graphs. Write, solve and/or graph linear equations and inequalities using various methods. Write and/or solve systems of equations using graphing, substitution and/or elimination (limit systems to 2 equations).	a2480 aqa2490	aqa2480	a2490	A213J01
M11.D.2.1.5	Represent and/or analyze mathematical situations using numbers, symbols, words, tables and/or graphs. Write, solve and/or graph linear equations and inequalities using various methods. Solve quadratic equations using factoring (integers only – not including completing the square or the Quadratic Formula).	A11011 A11022 A11141	A11012 A11031 A11142	A11021 A11032	Al13J01 Al13J02 Al13J03 Al13K04
M11.D.2.2.1	Represent and/or analyze mathematical situations using numbers, symbols, words, tables and/or graphs. Simplify expressions involving polynomials. Add, subtract and/or multiply polynomial expressions (express answers in simplest form – nothing larger than a binomial multiplied by a trinomial).	a2180 a2200	a2190 aqa2200	aqa2190	A213E01 A213E02

M11.D.2.2.2	Represent and/or analyze mathematical situations using numbers, symbols, words, tables and/or graphs. Simplify expressions involving polynomials. Factor algebraic expressions, including difference of squares and trinomials (trinomials limited to the form ax2+bx+c where a is not equal to 0).	A11021 A11032 a2220 aqa2230	A11022 a2210 aqa2220	A11031 a2215 a2230	A213E03 Al13J02 Al13J03
M11.D.2.2.3	Represent and/or analyze mathematical situations using numbers, symbols, words, tables and/or graphs. Simplify expressions involving polynomials. Simplify algebraic fractions.	a2270 aqa2290	aqa2270	a2290	A213F01
M11.D.3.1.1	Analyze change in various contexts. Describe and/or determine change. Identify, describe and/or use constant or varying rates of change.	A1711 aqpc100	A1712 pc110	pc100 aqpc110	AI13G01 PC13B02
M11.D.3.1.2	Analyze change in various contexts. Describe and/or determine change. Determine how a change in one variable relates to a change in a second variable (e.g., y=4/x, if x doubles, what happens to y?).	GE731 GE1012 GE1015 GE1022	GE732 GE1013 GE1016 GE1041	GE1011 GE1014 GE1021 GE1042	GE13G03 GE13J01 GE13J02 GE13J04
M11.D.3.2.1	Analyze change in various contexts. Compute and/or use the slope of a line. Apply the formula for the slope of a line to solve problems (formula given on reference sheet).	A1711 A1714	A1712	A1713	Al13G01
M11.D.3.2.2	Analyze change in various contexts. Compute and/or use the slope of a line. Given the graph of the line, 2 points on the line, or the slope and a point on a line, write or identify the linear equation in point-slope, standard and/or slope-intercept form.	A1651 A1772	A1652	A1771	Al13F05 Al13G04
M11.D.3.2.3	Analyze change in various contexts. Compute and/or use the slope of a line. Compute the slope and/or y-intercept represented by a linear equation or graph.	A1711 A1714 A1751 A1762	A1712 A1741 A1752	A1713 A1742 A1761	Al13G01 Al13G02 Al13G03
M11.D.4.1.1	Describe or use models to represent quantitative relationships. Interpret and/or use linear, quadratic and/or exponential functions and their equations, graphs or tables. Match the graph of a given function to its table or equation.	pc090 a2170	pc270	aqpc270	A213D03 PC13B01 PC13E01
M11.E.1.1.1	Formulate or answer questions that can be addressed with data and/or organize, display, interpret or analyze data. Appropriately display and/or use data in problem-solving settings. Create and/or use appropriate graphical representations of data, including box-and-whisker plots, stem-and-leaf plots or scatter plots.	A1615 aqpc490	A1616 pc500	pc490 aqpc500	Al13F01 PC13H02
M11.E.1.1.2	Formulate or answer questions that can be addressed with data and/or organize, display, interpret or analyze data. Appropriately display and/or use data in problem-solving settings. Analyze data and/or answer questions based on displayed data (box-and-whisker plots, stem-and leaf plots or scatter plots).	A1615 aqpc490	A1616 pc500	pc490 aqpc500	Al13F01 PC13H02

M11.E.2.1.1	Select and/or use appropriate statistical methods to analyze data. Use measures of central tendency to describe a set of data. Calculate or select the appropriate measure of central tendency (mean, mode or median) of a set of data given or represented on a table, line plot or stem-and-leaf plot.	a2420 aqa2430	aqa2420	a2430	A213I01
M11.E.2.1.2	Select and/or use appropriate statistical methods to analyze data. Use measures of central tendency to describe a set of data. Calculate and/or interpret the range, quartiles and interquartile range of data.	a2420	aqa2420		A213l01
M11.E.2.1.3	Select and/or use appropriate statistical methods to analyze data. Use measures of central tendency to describe a set of data. Describe how outliers affect measures of central tendency.	a2420	aqa2420		A213I01
M11.E.3.1.1	Understand and/or apply basic concepts of probability or outcomes. Apply probability and/or odds to practical situations. Find probabilities for independent, dependent or compound events and represent as a fraction, decimal or percent).	a2460	aqa2460	pc480	A213I03 PC13H01
M11.E.3.1.2	Understand and/or apply basic concepts of probability or outcomes. Apply probability and/or odds to practical situations. Find, convert and/or compare the probability and/or odds of a simple event.	pc480 A1451 A1454	A1441 A1452	A1442 A1453	Al13D04 Al13D05 PC13H01
M11.E.3.2.1	Understand and/or apply basic concepts of probability or outcomes. Apply counting techniques in problem-solving settings. Determine the number of permutations and/or combinations or apply the fundamental counting principle. (Formula provided on the reference sheet).	a2470	aqa2470		A213I03
M11.E.4.1.1	Develop and/or evaluate inferences and predictions or draw conclusions based on data or data displays. Make predictions using data displays and probability. Estimate or calculate to make predictions based on a circle, line, bar graph or given situation.	A1613	A1614		Al13F01
M11.E.4.1.2	Develop and/or evaluate inferences and predictions or draw conclusions based on data or data displays. Make predictions using data displays and probability. Use probability to predict outcomes.	pc480 a2470	a2460 aqa2470	aqa2460	A213I03 PC13H01
M11.E.4.2.1	Develop and/or evaluate inferences and predictions or draw conclusions based on data or data displays. Analyze and/or interpret data on a scatter plot and/or use a scatter plot to make predictions. Draw, find and/or write an equation for a line of best fit for a scatter plot.	pc490 aqpc500	aqpc490	pc500	PC13H02
M11.E.4.2.2	Develop and/or evaluate inferences and predictions or draw conclusions based on data or data displays. Analyze and/or interpret data on a scatter plot and/or use a scatter plot to make predictions. Make predictions using the equations or graphs of best-fit lines of scatter plots.	pc490 aqpc500	aqpc490	pc500	PC13H02

State Correlations Report: Pennsylvania

Grade: High School Date: 9/20/2012
Subject: Trigonometry Report Name: State Correlations Report 09-20-2012

Generated By: jk jk

Strand Key	Description	Learning Activities	Lesson Quizzes
M11.A.1.1.1	Demonstrate an understanding of numbers, ways of representing numbers, relationships among numbers and number systems. Represent and/or use numbers in equivalent forms (e.g., integers, fractions, decimals, percents, square roots, exponents and scientif	A1133 A1134	Al13A03
M11.A.1.1.2	Demonstrate an understanding of numbers, ways of representing numbers, relationships among numbers and number systems. Represent and/or use numbers in equivalent forms (e.g., integers, fractions, decimals, percents, square roots, exponents and scientif	A1917 A1918	Al13l01
M11.A.1.1.3	Demonstrate an understanding of numbers, ways of representing numbers, relationships among numbers and number systems. Represent and/or use numbers in equivalent forms (e.g., integers, fractions, decimals, percents, square roots, exponents and scientif	A1133 A1134 A11131 A11132	AI13A03 AI13K03
M11.A.2.1.1	Understand the meanings of operations, use operations and understand how they relate to each other. Apply ratio and/or proportion in problem-solving situations. Solve problems using operations with rational numbers including rates and percents (sing	A1411 A1412 A1421 A1422 A1431 A1432 A1715 A1716 A11411 A11412	Al13D01 Al13D02 Al13D03 Al13G01 Al13N01
M11.A.2.1.2	Understand the meanings of operations, use operations and understand how they relate to each other. Apply ratio and/or proportion in problem-solving situations. Solve problems using direct and inverse proportions.	A1411 A1412 A1421 A1422 A1431 A1432 A1715 A1716 A11411 A11412	Al13D01 Al13D02 Al13D03 Al13G01 Al13N01
M11.A.2.1.3	Understand the meanings of operations, use operations and understand how they relate to each other. Apply ratio and/or proportion in problem-solving situations. Identify and/or use proportional relationships in problem solving settings.	A1221 aqa1221 A1411 A1412 A1421 A1422 A1431 A1432 A1715 A1716 A11411 A11412	AI13D01 AI13D02 AI13D03 AI13G01 AI13N01

M11.A.2.2.1	Understand the meanings of operations, use operations and understand how they relate to each other. Use exponents, roots and/or absolute value to solve problems. Simplify/evaluate expressions involving positive and negative exponents, roots and/or a	A1111 A1134	A1112 A1135	A1133 A1136	AI13A01 AI13A03
M11.A.2.2.2	Understand the meanings of operations, use operations and understand how they relate to each other. Use exponents, roots and/or absolute value to solve problems. Simplify/evaluate expressions involving multiplying with exponents (e.g. x^6 times x^7	a2270 A1912 A1915	aqa2270 A1913 A1916	A1911 A1914	A213F01 Al13l01
M11.A.3.1.1	Compute accurately and fluently and make reasonable estimates. Apply the order of operations in computation and in problem-solving situations. Simplify/evaluate expressions using the order of operations to solve problems (any rational numbers may be	A1133 A1136	A1134 A1211	A1135 A1212	AI13A03 AI13B01
M11.B.2.1.1	Apply appropriate techniques, tools and formulas to determine measurements. Use and/or compare measurements of angles. Measure and/or compare angles in degrees (up to 360 degrees) (protractor must be provided or drawn).	GE123	GE235	GE236	GE13B03
M11.B.2.2.1	Apply appropriate techniques, tools and formulas to determine measurements. Use and/or develop procedures to determine or describe measures of perimeter, circumference, area, surface area and/or volume. (May require conversions within the same system.)	GE1011 GE1014 GE1017 GE1032	GE1012 GE1015 GE1018 GE1231	GE1013 GE1016 GE1031	GE13J01 GE13J03
M11.B.2.2.2	Apply appropriate techniques, tools and formulas to determine measurements. Use and/or develop procedures to determine or describe measures of perimeter, circumference, area, surface area and/or volume. (May require conversions within the same system.)	GE1021 GE1024 GE1027 GE1034 GE1231	GE1022 GE1025 GE1028 GE1041	GE1023 GE1026 GE1033 GE1042	GE13J02 GE13J03 GE13J04
M11.B.2.2.3	Apply appropriate techniques, tools and formulas to determine measurements. Use and/or develop procedures to determine or describe measures of perimeter, circumference, area, surface area and/or volume. (May require conversions within the same system.)	GE727	GE728		GE13G02
M11.B.2.3.1	Apply appropriate techniques, tools and formulas to determine measurements. Describe how a change in one dimension of a figure (2 or 3 dimensional) affects other measurements of that figure. Describe how a change in the linear dimension of a figure	GE731 GE1012 GE1015 GE1022	GE732 GE1013 GE1016 GE1041	GE1011 GE1014 GE1021 GE1042	GE13G03 GE13J01 GE13J02 GE13J04

	Analyze characteristics and properties of two- and three-dimensional geometric shapes and demonstrate understanding of geometric relationships. Identify and/or use parts of circles and segments associated with circles. Identify and/or use the prope	GE711 GE742 GE841	GE712 GE811 GE842 GE728	GE741 GE812 GE741	GE13G01 GE13G04 GE13H01 GE13H04
	dimensional geometric shapes and demonstrate understanding of geometric relationships. Identify and/or use parts of circles and segments associated with circles. Identify and/or use the prope	GE742 GE831	GE821 GE832	GE822 GE1241	GE13G02 GE13G04 GE13H02 GE13H03
M11.C.1.2.1	Analyze characteristics and properties of two- and three-dimensional geometric shapes and demonstrate understanding of geometric relationships. Recognize and/or apply properties of angles, triangles and quadrilaterals. Identify and/or use propertie	GE311 GE354 GE413 GE422 GE425 GE428 GE435 GE522 GE533 GE536 GE1131	GE312 GE411 GE414 GE423 GE426 GE433 GE436 GE523 GE534 GE537 GE1132	GE353 GE412 GE421 GE424 GE427 GE434 GE521 GE524 GE535 GE538	GE13C01 GE13C05 GE13D01 GE13D02 GE13D03 GE13E02 GE13E03 GE13K03
M11.C.1.2.2	Analyze characteristics and properties of two- and three- dimensional geometric shapes and demonstrate understanding of geometric relationships. Recognize and/or apply properties of angles, triangles and quadrilaterals. Identify and/or use propertie	GE221 GE622	GE222 GE631	GE621 GE632	GE13B02 GE13F02 GE13F03
M11.C.1.2.3	Analyze characteristics and properties of two- and three-dimensional geometric shapes and demonstrate understanding of geometric relationships. Recognize and/or apply properties of angles, triangles and quadrilaterals. Identify and/or use propertie	GE311 GE354 GE413 GE422 GE425 GE428 GE435 GE522 GE533 GE536	GE312 GE411 GE414 GE423 GE426 GE433 GE436 GE523 GE534 GE537	GE353 GE412 GE421 GE424 GE427 GE434 GE521 GE524 GE535 GE538	GE13C01 GE13C05 GE13D01 GE13D02 GE13D03 GE13E02 GE13E03

M11.C.1.3.1	Analyze characteristics and properties of two- and three-dimensional geometric shapes and demonstrate understanding of geometric relationships. Use properties of congruence, correspondence and similarity in problem-solving settings involving two- and	GE421 GE424 GE427 GE534 GE537 GE642 GE1041	GE422 GE425 GE428 GE535 GE538 GE731 GE1042	GE423 GE426 GE533 GE536 GE641 GE732	GE13D02 GE13E03 GE13F04 GE13G03 GE13J04
M11.C.1.4.1	Analyze characteristics and properties of two- and three- dimensional geometric shapes and demonstrate understanding of geometric relationships. Solve problems involving right triangles using the Pythagorean Theorem. Find the measure of a side of a	GE1121	GE1122		GE13K02
M11.C.3.1.1	Locate points or describe relationships using the coordinate plane. Solve problems using analytic geometry. Calculate the distance and/or midpoint between 2 points on a number line or on a coordinate plane (formula provided on the reference sheet).	A11342	A1112	A11341	AI13A01 AI13M04
M11.C.3.1.2	Locate points or describe relationships using the coordinate plane. Solve problems using analytic geometry. Relate slope to perpendicularity and/or parallelism (limit to linear algebraic expressions; slope formula provided on the reference sheet).	A1711 A1714	A1712 A1781	A1713 A1782	Al13G01 Al13G05
M11.D.1.1.1	Demonstrate an understanding of patterns, relations and functions. Analyze and/or use patterns or relations. Analyze a set of data for the existence of a pattern and represent the pattern algebraically and/or graphically.	a2440 aqa2450	aqa2440	a2450	A213l02
M11.D.1.1.2	Demonstrate an understanding of patterns, relations and functions. Analyze and/or use patterns or relations. Determine if a relation is a function given a set of points or a graph.	A1631 aqa2010	A1632	a2010	A213A01 AI13F03
M11.D.1.1.3	Demonstrate an understanding of patterns, relations and functions. Analyze and/or use patterns or relations. Identify the domain, range or inverse of a relation (may be presented as ordered pairs or a table).	a2020 aqa2130	aqa2020	a2130	A213A01 A213C02
M11.D.2.1.1	Represent and/or analyze mathematical situations using numbers, symbols, words, tables and/or graphs. Write, solve and/or graph linear equations and inequalities using various methods. Solve compound inequalities and/or graph their solution sets on	A1551 A1562	A1552	A1561	AI13E05 AI13E06
M11.D.2.1.2	Represent and/or analyze mathematical situations using numbers, symbols, words, tables and/or graphs. Write, solve and/or graph linear equations and inequalities using various methods. Identify or graph functions, linear equations or linear inequali	a2060 aqa2080	aqa2060 a2090	a2080 aqa2090	A213B02 A213B03

M11.D.2.1.3	Represent and/or analyze mathematical situations using numbers, symbols, words, tables and/or graphs. Write, solve and/or graph linear equations and inequalities using various methods. Write, solve and/or apply a linear equation (including problem s	a2060 a2075	aqa2060	a2070	A213B02
M11.D.2.1.4	Represent and/or analyze mathematical situations using numbers, symbols, words, tables and/or graphs. Write, solve and/or graph linear equations and inequalities using various methods. Write and/or solve systems of equations using graphing, substitu	a2480 aqa2490	aqa2480	a2490	A213J01
M11.D.2.1.5	Represent and/or analyze mathematical situations using numbers, symbols, words, tables and/or graphs. Write, solve and/or graph linear equations and inequalities using various methods. Solve quadratic equations using factoring (integers only – not i	A11011 A11022 A11141	A11012 A11031 A11142	A11021 A11032	AI13J01 AI13J02 AI13J03 AI13K04
M11.D.2.2.1	Represent and/or analyze mathematical situations using numbers, symbols, words, tables and/or graphs. Simplify expressions involving polynomials. Add, subtract and/or multiply polynomial expressions (express answers in simplest form – nothing larger	a2180 a2200	a2190 aqa2200	aqa2190	A213E01 A213E02
M11.D.2.2.2	Represent and/or analyze mathematical situations using numbers, symbols, words, tables and/or graphs. Simplify expressions involving polynomials. Factor algebraic expressions, including difference of squares and trinomials (trinomials limited to the	a2210 aqa2220	a2215 a2230	a2220 aqa2230	A213E03
M11.D.2.2.3	Represent and/or analyze mathematical situations using numbers, symbols, words, tables and/or graphs. Simplify expressions involving polynomials. Simplify algebraic fractions.	a2270 aqa2290	aqa2270	a2290	A213F01
M11.D.3.1.1	Analyze change in various contexts. Describe and/or determine change. Identify, describe and/or use constant or varying rates of change.	A1711 A1714 A1751	A1712 A1715 A1752	A1713 A1716	Al13G01 Al13G03
M11.D.3.1.2	Analyze change in various contexts. Describe and/or determine change. Determine how a change in one variable relates to a change in a second variable (e.g., y=4/x, if x doubles, what happens to y?).	GE731 GE1012 GE1015 GE1022	GE732 GE1013 GE1016 GE1041	GE1011 GE1014 GE1021 GE1042	GE13G03 GE13J01 GE13J02 GE13J04
M11.D.3.2.1	Analyze change in various contexts. Compute and/or use the slope of a line. Apply the formula for the slope of a line to solve problems (formula given on reference sheet).	A1711 A1714	A1712	A1713	AI13G01
M11.D.3.2.2	Analyze change in various contexts. Compute and/or use the slope of a line. Given the graph of the line, 2 points on the line, or the slope and a point on a line, write or identify the linear equation in point-slope, standard and/or slope-intercept	a2070 A1771	A1651 A1772	A1652	A213B02 Al13F05 Al13G04

M11.D.3.2.3	Analyze change in various contexts. Compute and/or use the slope of a line. Compute the slope and/or y-intercept represented by a linear equation or graph.	A1711 A1714 A1751 A1762	A1712 A1741 A1752	A1713 A1742 A1761	Al13G01 Al13G02 Al13G03
M11.D.4.1.1	Describe or use models to represent quantitative relationships. Interpret and/or use linear, quadratic and/or exponential functions and their equations, graphs or tables. Match the graph of a given function to its table or equation.	a2060 a2370	aqa2060 aqa2370	a2170	A213B02 A213D03 A213H01
M11.E.1.1.1	Formulate or answer questions that can be addressed with data and/or organize, display, interpret or analyze data. Appropriately display and/or use data in problem-solving settings. Create and/or use appropriate graphical representations of data, in	a2430	aqa2430		A213l01
M11.E.1.1.2	Formulate or answer questions that can be addressed with data and/or organize, display, interpret or analyze data. Appropriately display and/or use data in problem-solving settings. Analyze data and/or answer questions based on displayed data (box-a	a2430	aqa2430		A213l01
M11.E.2.1.1	Select and/or use appropriate statistical methods to analyze data. Use measures of central tendency to describe a set of data. Calculate or select the appropriate measure of central tendency (mean, mode or median) of a set of data given or represent	A1615 A1792	A1616	A1791	AI13F01 AI13G06
M11.E.2.1.2	Select and/or use appropriate statistical methods to analyze data. Use measures of central tendency to describe a set of data. Calculate and/or interpret the range, quartiles and interquartile range of data.	a2420	aqa2420		A213I01
M11.E.2.1.3	Select and/or use appropriate statistical methods to analyze data. Use measures of central tendency to describe a set of data. Describe how outliers affect measures of central tendency.	a2420	aqa2420		A213I01
M11.E.3.1.1	Understand and/or apply basic concepts of probability or outcomes. Apply probability and/or odds to practical situations. Find probabilities for independent, dependent or compound events and represent as a fraction, decimal or percent).	a2460	aqa2460		A213I03
M11.E.3.1.2	Understand and/or apply basic concepts of probability or outcomes. Apply probability and/or odds to practical situations. Find, convert and/or compare the probability and/or odds of a simple event.	A1441 A1452 GE751	A1442 A1453 GE752	A1451 A1454	Al13D04 Al13D05 GE13G05
M11.E.3.2.1	Understand and/or apply basic concepts of probability or outcomes. Apply counting techniques in problem-solving settings. Determine the number of permutations and/or combinations or apply the fundamental counting principle. (Formula provided on the	a2470	aqa2470		A213I03

M11.E.4.1.1	Develop and/or evaluate inferences and predictions or draw conclusions based on data or data displays. Make predictions using data displays and probability. Estimate or calculate to make predictions based on a circle, line, bar graph or given situat	A1613	A1614		Al13F01
M11.E.4.1.2	Develop and/or evaluate inferences and predictions or draw conclusions based on data or data displays. Make predictions using data displays and probability. Use probability to predict outcomes.	a2460 aqa2470	aqa2460	a2470	A213I03
M11.E.4.2.1	Develop and/or evaluate inferences and predictions or draw conclusions based on data or data displays. Analyze and/or interpret data on a scatter plot and/or use a scatter plot to make predictions. Draw, find and/or write an equation for a line of b	a2440 aqa2450	aqa2440	a2450	A213I02
	Develop and/or evaluate inferences and predictions or draw conclusions based on data or data displays. Analyze and/or interpret data on a scatter plot and/or use a scatter plot to make predictions. Make predictions using the equations or graphs of b	a2440 aqa2450	aqa2440	a2450	A213l02

State Correlations Report: Pennsylvania

Grade: High School

Date: 9/20/2012

Subject: US Government

Report Name: State Correlations Report 09-20-2012

Generated By: jk jk

Strand Key	Description	Learning	Activities		Lesson Quizzes
5.1.C.A	Civics and Government Principles and Documents of Government Analyze the sources, purposes, functions of law, and how the rule of law protects individual rights and promotes the common good.	GV121 aqgv122 GV131 aqgv132 GV135 aqgv136 GV362 aqgv363 GV365 aqgv366 GV369	aqgv121 GV123 aqgv131 GV133 aqgv135 GV361 aqgv362 GV364 aqgv365 GV368 aqgv369	GV122 aqgv123 GV132 aqgv133 GV136 aqgv361 GV363 aqgv364 GV366 aqgv368 GV367	GV13A02 GV13A03 GV13C06
5.1.C.B	Civics and Government Principles and Documents of Government Employ historical examples and political philosophy to evaluate the major arguments advanced for the necessity of government.	GV111	aqgv111		GV13A01
5.1.C.C	Civics and Government Principles and Documents of Government Evaluate the application of the principles and ideals in contemporary civic life: liberty/freedom, democracy, justice, and equality.	GV113 GV115 aqgv315 GV322 GV325 aqgv361 GV363 aqgv364 GV366 aqgv368	aqgv113 aqgv115 GV321 aqgv322 aqgv325 GV362 aqgv363 GV365 aqgv366 GV369	GV114 GV315 aqgv321 GV323 GV361 aqgv362 GV364 aqgv365 GV368 aqgv369	GV13A01 GV13C01 GV13C02 GV13C06

5.1.C.D	Civics and Government Principles and Documents of Government Evaluate state and federal powers based on significant documents and other critical sources: Declaration of Independence, United States Constitution, Bill of Rights, and Pennsylvania Const	GV123 aqgv133 GV141 aqgv142 GV144 aqgv212 GV216 aqgv222 GV224 aqgv228 GV232 aqgv233 GV238 aqgv411 GV413	aqgv123 GV136 aqgv141 GV143 aqgv144 GV215 aqgv216 GV223 aqgv224 GV231 aqgv232 GV234 aqgv238 GV412 aqgv413	GV133 aqgv136 GV142 aqgv143 GV212 aqgv215 GV222 aqgv223 GV228 aqgv231 GV233 aqgv234 GV411 aqgv412	GV13A02 GV13A03 GV13A04 GV13B01 GV13B02 GV13B03 GV13D01
5.1.C.E	Civics and Government Principles and Documents of Government Analyze and assess the rights of people as written in the PA Constitution and the US Constitution.	GV133 aqgv136 GV362 aqgv363 GV365 aqgv366 GV369	aqgv133 GV361 aqgv362 GV364 aqgv365 GV368 aqgv369	GV136 aqgv361 GV363 aqgv364 GV366 aqgv368	GV13A03 GV13C06
5.1.C.F	Civics and Government Principles and Documents of Government Analyze the role political symbols play in civil disobedience and patriotic activities.	GV363	aqgv363		GV13C06
5.2.C.A	Civics and Government Rights and Responsibilities of Citizenship Contrast the rights and responsibilities of a citizen in a democracy with a citizen in an authoritarian system.	GV112 aqgv511 GV513	aqgv112 GV512 aqgv513	GV511 aqgv512	GV13A01 GV13E01
5.2.C.B	Civics and Government Rights and Responsibilities of Citizenship Analyze strategies used to resolve conflicts in society and government.	GV113	aqgv113	GV114	GV13A01

5.2.C.C	Civics and Government Rights and Responsibilities of Citizenship Examine political leadership and public service in a republican form of government.	GV211 aqgv212 GV214 aqgv215 GV217 aqgv219 GV2111 aqgv2112 GV218 GV222 aqgv223 GV225 aqgv226 GV228 aqgv231 GV233 aqgv234 GV237 aqgv238 GV311 aqgv312 GV314 aqgv315 GV352 aqgv353 GV411 aqgv412 GV421 aqgv422	GV221 aqgv222 GV224 aqgv225 GV227 aqgv228 GV232 aqgv233 GV235 aqgv237 GV239 aqgv311 GV313 aqgv314 GV351 aqgv352 GV355 aqgv411 GV413 aqgv421 GV423	aqgv2113 aqgv221 GV223 aqgv224 GV226 aqgv227 GV231 aqgv232 GV234 aqgv235 GV238 aqgv239 GV312 aqgv313 GV315 aqgv351 GV353 aqgv355 GV412 aqgv413 GV422 aqgv423	GV13B01 GV13B02 GV13C01 GV13C05 GV13D01 GV13D02
5.2.C.D	Civics and Government Rights and Responsibilities of Citizenship Evaluate and demonstrate what makes competent and responsible citizens.	GV315 aqgv321 GV323	aqgv315 GV322 GV325	GV321 aqgv322 aqgv325	GV13C01 GV13C02

5.3.C.A	Civics and Government How Government Works Examine the process of checks and balances among the three branches of government, including the creation of law.	GV133 aqgv212 GV216 aqgv221 GV223 aqgv224 GV226 aqgv227 GV229 GV235	aqgv133 GV215 aqgv216 GV222 aqgv223 GV225 aqgv226 GV228 GV234 aqgv235	GV212 aqgv215 GV221 aqgv222 GV224 aqgv225 GV227 aqgv228 aqgv234	GV13A03 GV13B01 GV13B02 GV13B03
5.3.C.B	Civics and Government How Government Works Analyze the roles of local, state, and national governments in policy-making.	GV115 aqgv221 GV223 aqgv224 GV226 aqgv227 GV229 GV352 aqgv353 GV354 GV412 aqgv413	aqgv115 GV222 aqgv223 GV225 aqgv226 GV228 GV351 aqgv352 GV355 GV411 aqgv412	GV221 aqgv222 GV224 aqgv225 GV227 aqgv228 aqgv351 GV353 aqgv355 aqgv411 GV413	GV13A01 GV13B02 GV13C05 GV13D01

5.3.C.C	Civics and Government Works Explain how government agencies create, amend, and enforce policies in local, state, and national governments.	GV115 aqgv135 GV142 aqgv143 GV211 aqgv212 GV214 aqgv215 GV217 aqgv219 GV2111 aqgv2112 GV221 aqgv222 GV224 aqgv225 GV227 aqgv228 aqgv351 GV353 aqgv355 aqgv411 GV413 aqgv421 GV423	aqgv115 GV141 aqgv142 GV144 aqgv211 GV213 aqgv214 GV216 aqgv217 GV2110 aqgv2111 GV2113 aqgv221 GV223 aqgv224 GV226 aqgv227 GV229 GV352 aqgv353 GV354 GV412 aqgv413 GV422 aqgv423	GV135 aqgv141 GV143 aqgv144 GV212 aqgv213 GV215 aqgv216 GV219 aqgv2110 GV2112 aqgv2113 GV222 aqgv223 GV225 aqgv226 GV228 GV351 aqgv352 GV355 GV411 aqgv412 GV421 aqgv422	GV13A01 GV13A03 GV13A04 GV13B01 GV13B02 GV13C05 GV13D01 GV13D02
5.3.C.D	Civics and Government How Government Works Evaluate the roles of political parties, interest groups, and mass media in politics and public policy.	GV115 aqgv311 GV313 aqgv314 GV316 GV342 aqgv343 GV345 aqgv351 GV353 aqgv355	aqgv115 GV312 aqgv313 GV315 GV341 aqgv342 GV344 aqgv345 GV352 aqgv353 GV354	GV311 aqgv312 GV314 aqgv315 aqgv341 GV343 aqgv344 GV351 aqgv352 GV355	GV13A01 GV13C01 GV13C04 GV13C05

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5.3.C.E	Civics and Government How Government Works Compare and contrast the different election processes for local, state, and national offices.	GV227 aqgv231 GV332 aqgv333 GV334	aqgv227 GV331 aqgv332 GV335	GV231 aqgv331 GV333 aqgv335	GV13B02 GV13B03 GV13C03
5.3.C.F	Civics and Government How Government Works Explain the Supreme Court's role in interpreting the U.S. Constitution: individual rights, states' rights, and civil rights.	GV142 aqgv231 GV233 aqgv234 GV237 aqgv238 GV236 GV363 aqgv364 GV366 aqgv368	aqgv142 GV232 aqgv233 GV235 aqgv237 GV239 GV362 aqgv363 GV365 aqgv366 GV369	GV231 aqgv232 GV234 aqgv235 GV238 aqgv239 aqgv362 GV364 aqgv365 GV368 aqgv369	GV13A04 GV13B03 GV13C06
5.3.C.G	Civics and Government How Government Works Analyze the influence of interest groups in the political process.	GV115 aqgv314 GV353 GV355	aqgv115 GV351 aqgv353 aqgv355	GV314 aqgv351 GV354	GV13A01 GV13C01 GV13C05
5.3.C.H	Civics and Government How Government Works Evaluate the role of mass media in setting public agenda and influencing political life.	GV341 aqgv342 GV344 aqgv345	aqgv341 GV343 aqgv344 GV346	GV342 aqgv343 GV345	GV13C04
5.3.C.I	Civics and Government How Government Works Explain various types of taxes and their purposes.	ec027	aqec027		EC13B03
5.4.C.A	Civics and Government How International Relationships Function Explain how United States foreign policy is developed.	GV611	aqgv611		GV13F01
5.4.C.B	Civics and Government How International Relationships Function Explain why and how different foreign policy tools are used to advance a nation's self interest (e.g., diplomacy, economic aid, military aid, sanctions, treaties).	GV215 aqgv611	aqgv215	GV611	GV13B01 GV13F01
6.1.C.A	Economics Scarcity and Choice Predict the long-term consequences of decisions made because of scarcity.	ec002	aqec002		EC13A01
6.1.C.B	Economics Scarcity and Choice Evaluate the economic reasoning behind a choice.	ec012	aqec012		EC13A03

6.1.C.C	Economics Secretary and Chaice	ec012	aqec012	ec027	
	Scarcity and Choice Explain the opportunity cost associated with government	aqec027	ec028	aqec028	EC13A03
	policies.	ec029	aqec029		EC13B03
6.2.C.A	Economics Markets and Economic Systems Analyze the flow of goods and services in the national economy.	ec034	aqec034		EC13C01
6.2.C.C	Economics Markets and Economic Systems Analyze how media affects economic decisions.	GV341 aqgv342 GV344 aqgv345	aqgv341 GV343 aqgv344	GV342 aqgv343 GV345	GV13C04
6.2.C.E	Economics Markets and Economic Systems Analyze the characteristics of economic expansion, recession, and depression.	ec022	aqec022		EC13B02
6.2.C.G	Economics Markets and Economic Systems Compare and contrast various economic systems.	GV521 aqgv522 GV525 ec003 aqec004	aqgv521 GV523 aqgv525 aqec003	GV522 aqgv523 GV524 ec004	EC13A01 GV13E02
6.3.C.A	Economics Functions of Government Evaluate the costs and benefits of government decisions to provide public goods and services.	ec044 aqec045	aqec044	ec045	EC13C03
6.3.C.B	Economics Functions of Government Assess the government's role in regulating and stabilizing the state and national economy.	ec013 aqec027 ec029 aqec041 ec045	aqec013 ec028 aqec029 ec044 aqec045	ec027 aqec028 ec041 aqec044	EC13A03 EC13B03 EC13C02 EC13C03
6.3.C.C	Economics Functions of Government Evaluate the social, political, and economic costs/benefits of potential changes to taxation policies.	GV413 aqgv423	aqgv413 ec027	GV423 aqec027	EC13B03 GV13D01 GV13D02
6.3.C.D	Economics Functions of Government Explain why governments limit or promote international trade.	GV525 aqec050	aqgv525 ec051	ec050 aqec051	EC13D01 GV13E02
6.4.C.A	Economics Economic Interdependence Explain how specialization contributes to economic interdependence on a national and international level.	ec009 aqec014	aqec009 ec049	ec014 aqec049	EC13A02 EC13A03 EC13D01
6.4.C.C	Economics Economic Interdependence Evaluate the impact of multinational corporations and other non-government organizations.	GV525	aqgv525		GV13E02

7.1.C.A	Geography Basic Geographic Literacy	wg001	aqwg001	wg002	WG13A01
	Use geographic tools to analyze information about the interaction between people, places, and the environment.	aqwg002			
7.3.C.A	Geography	wg017	aqwg017	wg019	
	Human Characteristics of Places and Regions Analyze the human characteristics of places and regions	aqwg019	wg020	aqwg020	WG13C01
	using the following criteria: population, culture, settlement,	wg021	aqwg021	wg022	WG13C02
	economic activities, and political activities.	aqwg022			WG 13C02
8.1.C.B	History	GV112	aqgv112	GV511	
	Historical Analysis and Skills Development Analyze the major arguments advanced for different	aqgv511	GV512	aqgv512	GV13A01
	systems of government.	GV513	aqgv513		GV13E01
8.2.C.B	History	GV141	aqgv141	GV142	
	Pennsylvania History Demonstrate an understanding of how the PA Constitution	aqgv142	GV143	aqgv143	GV13A04
	and the US Constitution co-exist.	GV144	aqgv144	GV411	GV13D01
		aqgv411			G V 13D01
8.3.C.A	History	GV351	aqgv351	GV353	
	United States History Compare and contrast the politics of various interest groups	aqgv353	GV355	aqgv355	GV13C05
	and evaluate their impact on foreign policy.	GV354			
8.3.C.B	History	GV121	aqgv121	GV122	
	United States History Compare and contrast the basic principles and ideals found	aqgv122	GV123	aqgv123	
	in significant documents: Declaration of Independence,	GV124	GV131	aqgv131	
	United States Constitution, and Bill of Rights.	GV132	aqgv132	GV133	
		aqgv133	GV135	aqgv135	
		GV136	aqgv136	GV134	GV13A02
		GV361	aqgv361	GV362	GV13A03
		aqgv362	GV363	aqgv363	GV13C06
		GV364	aqgv364	GV365	
		aqgv365	GV366	aqgv366	
		GV368	aqgv368	GV369	
		aqgv369	GV367		
8.3.C.C	History United States History	GV113	aqgv113	GV114	
	Analyze the principles and ideals that shape United States	GV121	aqgv121	GV122	
	government: liberty/freedom, democracy, justice, and	aqgv122	GV123	aqgv123	
	equality.	GV124	GV133	aqgv133	
		GV136	aqgv136	GV361	GV13A01
		aqgv361	GV362	aqgv362	GV13A02
		GV363	aqgv363	GV364	GV13A03
		aqgv364	GV365	aqgv365	GV13C06
		GV366	aqgv366	GV368	13 1 13000
		aqgv368	GV369	aqgv369	

8.3.C.D	History United States History Analyze the role political symbols play in civil disobedience and patriotic activities.	GV363	aqgv363		GV13C06
8.4.C.A	History World History Evaluate critical issues in various contemporary governments. Evaluate the effectiveness of various international organizations, both governmental and non- governmental.	GV511 aqgv512 GV514 GV611 aqgv612	aqgv511 GV513 GV525 aqgv611 GV613	GV512 aqgv513 aqgv525 GV612 aqgv613	GV13E01 GV13E02 GV13F01
8.4.C.B	History World History Compare and contrast the basic principles and ideals found in significant documents: Declaration of Independence.	GV121 aqgv122 GV124	aqgv121 GV123	GV122 aqgv123	GV13A02
8.4.C.C	History World History Evaluate critical issues in various contemporary governments. Employ historical examples and political philosophy to evaluate major arguments advanced for the necessity of government.	GV111 aqgv112 GV512 aqgv513 aqgv525 GV612 aqgv613	aqgv111 GV511 aqgv512 GV514 GV611 aqgv612	GV112 aqgv511 GV513 GV525 aqgv611 GV613	GV13A01 GV13E01 GV13E02 GV13F01
8.4.C.D	History World History Analyze strategies used to resolve conflicts in society and government. Evaluate the role of nationalism in uniting and dividing citizens.	GV113 GV511 aqgv512	aqgv113 aqgv511 GV513	GV114 GV512 aqgv513	GV13A01 GV13E01

State Correlations Report: Pennsylvania

Grade: High School

Subject: US History I

Date: 9/20/2012

Report Name: State Correlations Report 09-20-2012

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Strand Key	Description	Learning	Activities		Lesson Quizzes
5.1.U.A	Civics and Government Principles and Documents of Government Apply examples of the rule of law as related to individual rights and the common good.	GV133 aqgv366	aqgv133	GV366	GV13A03 GV13C06
5.1.U.C	Civics and Government Principles and Documents of Government Analyze the principles and ideals that shape United States government: liberty/freedom, democracy, justice, and equality.	h1033 aqh1048 h1059 aqh1060 h1062 aqh1063	aqh1033 h1049 aqh1059 h1061 aqh1062 h1064	h1048 aqh1049 h1060 aqh1061 h1063 aqh1064	H113D02 H113E02 H113F02 H113F03 H113F04
5.1.U.D	Civics and Government Principles and Documents of Government Compare and contrast the basic principles and ideals found in significant documents: Declaration of Independence, United States Constitution, Bill of Rights, and Pennsylvania Constitution.	h1049 aqh1059 h1064	aqh1049 h1060 aqh1064	h1059 aqh1060	H113E02 H113F02 H113F04
5.1.U.F	Civics and Government Principles and Documents of Government Analyze the role political symbols play in civil disobedience and patriotic activities.	h1064 aqgv363	aqh1064	GV363	GV13C06 H113F04
5.2.U.A	Civics and Government Rights and Responsibilities of Citizenship Contrast the rights and responsibilities of a citizen in a democracy with a citizen in an authoritarian system.	GV112 aqgv511 GV513	aqgv112 GV512 aqgv513	GV511 aqgv512	GV13A01 GV13E01
5.2.U.B	Civics and Government Rights and Responsibilities of Citizenship Analyze strategies used to resolve conflicts in society and government.	GV113	aqgv113	GV114	GV13A01

5.2.U.C	Civics and Government Rights and Responsibilities of Citizenship Examine political leadership and public service in a republican form of government.	h1066 aqh1067 h1069 aqh1070 h1072 aqh1075 h1077 h1081 aqh1082 h1084 aqh1085 aqh1094 h1096	aqh1066 h1068 aqh1069 h1071 aqh1072 h1076 aqh1077 aqh1081 h1083 aqh1084 h1086 h1095 aqh1096	h1067 aqh1068 h1070 aqh1071 h1075 aqh1076 h1078 h1082 aqh1083 h1085 h1094 aqh1095	H113G01 H113G02 H113G03 H113G05 H113H02 H113H03 H113J02
5.2.U.D	Civics and Government Rights and Responsibilities of Citizenship Evaluate and demonstrate what makes competent and responsible citizens.	GV315 aqgv321 GV323	aqgv315 GV322 GV325	GV321 aqgv322 aqgv325	GV13C01 GV13C02
5.3.U.D	Civics and Government How Government Works Evaluate the roles of political parties, interest groups, and mass media in politics and public policy.	h1066 aqh1067 h1070 aqh1083 GV311 aqgv312 GV314 aqgv315 aqgv341 GV343 aqgv344 GV351 aqgv352 GV355	aqh1066 h1069 aqh1070 h1085 aqgv311 GV313 aqgv314 GV316 GV342 aqgv343 GV345 aqgv351 GV353 aqgv355	h1067 aqh1069 h1083 aqh1085 GV312 aqgv313 GV315 GV341 aqgv342 GV344 aqgv345 GV352 aqgv353 GV354	GV13C01 GV13C04 GV13C05 H113G01 H113G02 H113G03 H113H03
5.3.U.F	Civics and Government How Government Works Analyze landmark United States Supreme Court interpretations of the Constitution and its Amendments.	h1064 aqh1072	aqh1064	h1072	H113F04 H113G03
5.4.U.A	Civics and Government How International Relationships Function Explain how United States foreign policy is developed.	GV611	aqgv611		GV13F01
6.1.U.A	Economics Scarcity and Choice Analyze how choices are made because of scarcity.	ec002	aqec002		EC13A01

6.1.U.B	Economics Scarcity and Choice Analyze how conflict and cooperation among groups and organizations have impacted the control of limited resources in the United States.	h1030 aqh1039 h1041 h1058 aqh1071 h1085 aqh1092 h1094 aqh1095 h1097	aqh1030 h1040 aqh1041 aqh1058 h1076 aqh1085 h1093 aqh1094 h1096 aqh1097	h1039 aqh1040 h1042 h1071 aqh1076 h1092 aqh1093 h1095 aqh1096	H113D01 H113D04 H113F01 H113G03 H113G05 H113H03 H113J01 H113J02 H113J02
6.1.U.C	Economics Scarcity and Choice Analyze the opportunity cost of decisions made by individuals, businesses, communities, and nations.	ec012	aqec012		EC13A03
6.2.U.A	Economics Markets and Economic Systems Analyze the flow of goods and services in the national economy.	ec034	aqec034		EC13C01
6.2.U.C	Economics Markets and Economic Systems Evaluate the impact of advertising and media on individual and group behavior throughout United States history.	GV341 aqgv342 GV344 aqgv345	aqgv341 GV343 aqgv344 GV346	GV342 aqgv343 GV345	GV13C04
6.2.U.D	Economics Markets and Economic Systems Explain how the laws of supply and demand impacted individuals and groups behavior over time.	ec032 aqec033 ec035 aqec036	aqec032 ec034 aqec035	ec033 aqec034 ec036	EC13C01
6.2.U.E	Economics Markets and Economic Systems Analyze the impact of the business cycle on individual and group behavior over time. Analyze the characteristics of economic expansion, recession, and depression.	ec022	aqec022		EC13B02
6.2.U.F	Economics Markets and Economic Systems Analyze the impact of private economic institutions on individuals and groups over time.	ec013	aqec013		EC13A03
6.2.U.G	Economics Markets and Economic Systems Compare and contrast various economic systems.	ec003 aqec004 GV522 aqgv523 GV524	aqec003 GV521 aqgv522 GV525	ec004 aqgv521 GV523 aqgv525	EC13A01 GV13E02

6.3.U.C	Economics Functions of Government Analyze how conflict and cooperation among groups and organizations have influenced the history and development of the world: ethnicity and race, working conditions, immigration, military conflict, and economic stab	h1019 aqh1020 h1022 aqh1023 h1025 aqh1026 h1028 h1030 aqh1031 h1036 aqh1037 h1039 aqh1040 h1042 h1044 aqh1045 h1047 aqh1048 h1050 aqh1051 h1053 aqh1054 aqh1075 aqh1076 aqh1079 aqh1080 h1079 aqh1080 h1082 aqh1084 h1088 aqh1093 h1095 aqh1096 h1098	aqh1019 h1021 aqh1022 h1024 aqh1025 h1027 h1029 aqh1030 h1032 aqh1036 h1038 aqh1039 h1041 h1043 aqh1044 h1046 aqh1047 h1049 aqh1050 h1052 aqh1053 h1074 aqh1075 h1077 aqh1079 h1081 aqh1082 h1085 aqh1088 h1094 aqh1095 h1097 aqh1098	h1020 aqh1021 h1023 aqh1024 h1026 aqh1027 aqh1029 h1031 aqh1032 h1037 aqh1038 h1040 aqh1041 aqh1043 h1045 aqh1046 h1051 aqh1052 h1054 h1073 aqh1074 h1076 aqh1077 h1080 aqh1081 h1093 aqh1094 h1096 aqh1097 h1099	H113C03 H113C04 H113C05 H113D01 H113D02 H113D03 H113E01 H113E02 H113E03 H113G04 H113G05 H113H01 H113H02 H113H03 H113I01 H113J01 H113J01 H113J01
	Functions of Government Compare and contrast the taxation policies of the local, state, and national governments.	aqgv413	GV423	aqgv423	EC13B03 GV13D01 GV13D02

6.4.U.A	Economics Functions of Government Analyze how conflict and cooperation among groups and organizations have influenced the history and development of the world: ethnicity and race, working conditions, immigration, military conflict, and economic stab	h1019 aqh1020 h1022 aqh1023 h1025 aqh1026 h1028 h1030 aqh1031 h1036 aqh1037 h1039 aqh1040 h1042 h1044 aqh1045 h1047 aqh1048 h1050 aqh1051 h1053 aqh1054 aqh1073 h1075 aqh1076 h1079 aqh1080 h1082 aqh1084 h1088 aqh1093 h1095 aqh1096 h1098	aqh1019 h1021 aqh1022 h1024 aqh1025 h1027 h1029 aqh1030 h1032 aqh1036 h1038 aqh1039 h1041 h1043 aqh1044 h1046 aqh1047 h1049 aqh1050 h1052 aqh1053 h1055 h1074 aqh1075 h1077 aqh1079 h1081 aqh1082 h1085 aqh1088 h1094 aqh1095 h1097 aqh1098	h1020 aqh1021 h1023 aqh1024 h1026 aqh1027 aqh1029 h1031 aqh1032 h1037 aqh1038 h1040 aqh1041 aqh1043 h1045 aqh1046 h1048 aqh1049 h1051 aqh1052 h1054 h1073 aqh1074 h1076 aqh1077 h1080 aqh1081 h1084 aqh1085 h1093 aqh1094 h1096 aqh1097 h1099	H113C03 H113C04 H113C05 H113D01 H113D02 H113D03 H113E01 H113E02 H113E03 H113G04 H113G05 H113H01 H113H02 H113H03 H113J01 H113J01 H113J01 H113J02
	Economic Interdependence Explain how specialization contributes to economic interdependence on a national and international level.		·		EC13A02
6.4.U.C	Economics Economic Interdependence	h1005	aqh1005	h1007	

Compare the role groups and individuals played in the	aqh1007	h1019	aqh1019	
social, political, cultural, and economic development of the U.S.	h1020	aqh1020	h1021	
	aqh1021	h1022	aqh1022	
	h1023	aqh1023	h1024	
	aqh1024	h1025	aqh1025	
	h1026	aqh1026	h1027	
	aqh1027	h1029	aqh1029	
	h1030	aqh1030	h1031	
	aqh1031	h1032	aqh1032	
	h1033	aqh1033	h1034	
	aqh1034	h1035	aqh1035	
	h1036	aqh1036	h1037	
	aqh1037	h1038	aqh1038	
	h1043	aqh1043	h1044	
	aqh1044	h1045	aqh1045	
	h1047	aqh1047	h1048	
	aqh1048	h1049	aqh1049	H113B01
	h1057	aqh1057	h1059	
	aqh1059	h1060	aqh1060	H113B02
	h1061	aqh1061	h1062	H113C03
	aqh1062	h1066	aqh1066	H113C04
	h1067	aqh1067	h1068	H113C05
	aqh1068	h1069	aqh1069	H113D01
	h1070	aqh1070	h1071	H113D02
	aqh1071	h1072	aqh1072	
	h1075	aqh1075	h1076	H113D03
	aqh1076	h1077	aqh1077	H113E01
	h1078	h1079	aqh1079	H113E02
	h1080	aqh1080	h1081	H113F01
	aqh1081	h1082	aqh1082	H113F02
	h1083	aqh1083	h1084	H113F03
	aqh1084	h1085	aqh1085	
	h1086	h1087	aqh1087	H113G01
	h1088	aqh1088	h1089	H113G02
	aqh1089	h1090	aqh1090	H113G03
	h1091	h1092	aqh1092	H113G05
	h1093	aqh1093	h1094	H113H01
	aqh1094	h1095	aqh1095	H113H02
	h1096	aqh1096	h1097	
	aqh1097	h1098	aqh1098	H113H03
				H113l01
				H113I02
				H113J01
				H113J02

					H113J03
6.4.U.D	Economics Economic Interdependence Explain how the level of development of transportation, communication networks, and technology affect economic interdependence.	ec055 aqec056	aqec055 ec057	ec056	EC13D02
6.5.U.B	Economics Income, Profit, and Wealth Compare the role groups and individuals played in the social, political, cultural, and economic development of the U.S.	h1005 aqh1007 h1020 aqh1021 h1023 aqh1024 h1026 aqh1027 h1030 aqh1031 h1033 aqh1034 h1036 aqh1037 h1043 aqh1044 h1047 aqh1048 h1057 aqh1059 h1061 aqh1062 h1067 aqh1068 h1070 aqh1071 h1075 aqh1076 h1078 h1080 aqh1081 h1083 aqh1084 h1086 h1088 aqh1089 h1091	aqh1005 h1019 aqh1020 h1022 aqh1023 h1025 aqh1026 h1029 aqh1030 h1032 aqh1033 h1035 aqh1036 h1038 aqh1043 h1045 aqh1047 h1049 aqh1057 h1060 aqh1061 h1066 aqh1067 h1069 aqh1070 h1072 aqh1070 h1072 aqh1075 h1077 h1079 aqh1080 h1082 aqh1083 h1085 h1087 aqh1088 h1090 h1092	h1007 aqh1019 h1021 aqh1022 h1024 aqh1025 h1027 aqh1029 h1031 aqh1032 h1034 aqh1035 h1037 aqh1038 h1044 aqh1045 h1048 aqh1049 h1059 aqh1060 h1062 aqh1066 h1068 aqh1069 h1071 aqh1072 h1076 aqh1077 aqh1079 h1081 aqh1082 h1084 aqh1085 aqh1087 h1089 aqh1090 aqh1090	H113B01 H113B02 H113C03 H113C04 H113C05 H113D01 H113D02 H113D03 H113E01 H113E02 H113F01 H113F02 H113F01 H113F02 H113F03 H113G01 H113G02 H113G03

		h1093 aqh1094 h1096 aqh1097	aqh1093 h1095 aqh1096 h1098	h1094 aqh1095 h1097 aqh1098	H113G05 H113H01 H113H02 H113H03 H113I01 H113I02 H113J01 H113J02 H113J03
6.5.U.E	Economics Income, Profit, and Wealth Define wealth and describe its distribution within and among the political divisions of the United States.	h1079	aqh1079		H113H01
6.5.U.F	Economics Income, Profit, and Wealth Examine leading entrepreneurs in the United States in terms of the risks they took and the rewards they received.	h1080 aqec034	aqh1080	ec034	EC13C01 H113H01
7.1.U.A	Geography Basic Geographic Literacy Use geographic tools to analyze information about the interaction between people, places, and the environment.	wg001 aqwg002	aqwg001	wg002	WG13A01
7.2.U.A	Geography Physical Characteristics of Places and Regions Analyze the physical characteristics of places and regions, including the interrelationships among the components of Earth's physical systems.	h1017 aqh1018 h1020 aqh1021 h1023 aqh1024 h1026 aqh1027 h1092 aqh1093 wg007 aqwg008 wg010 aqwg011 wg013 aqwg014	aqh1017 h1019 aqh1020 h1022 aqh1023 h1025 aqh1026 h1071 aqh1092 wg006 aqwg007 wg009 aqwg010 wg012 aqwg013	h1018 aqh1019 h1021 aqh1022 h1024 aqh1025 h1027 aqh1071 h1093 aqwg006 wg008 aqwg009 wg011 aqwg012 wg014	H113C02 H113C03 H113C04 H113C05 H113G03 H113J01 WG13B01 WG13B02 WG13B03

7.2.U.B	Geography Physical Characteristics of Places and Regions Analyze the significance of physical processes in shaping the character of places and regions.	h1017 aqh1018 h1026 aqh1027 h1036 aqh1092 h1097 aqwg008 wg010 aqwg011 wg013 aqwg014	aqh1017 h1019 aqh1026 h1035 aqh1036 h1093 aqh1097 wg009 aqwg010 wg012 aqwg013	h1018 aqh1019 h1027 aqh1035 h1092 aqh1093 wg008 aqwg009 wg011 aqwg012 wg014	H113C02 H113C03 H113C05 H113D03 H113J01 H113J03 WG13B02
7.3.U.A	Geography	h1047	ogh4047	h1040	WG13B03
7.3.U.A	Geography Human Characteristics of Places and Regions Analyze the human characteristics of places and regions using the following criteria: population, culture, settlement, economic activities, and political activities.	h1017 aqh1018 h1020 aqh1021 h1023 aqh1024 h1026 aqh1027 h1036 aqh1037 h1092 aqh1093	aqh1017 h1019 aqh1020 h1022 aqh1023 h1025 aqh1026 h1035 aqh1036 h1038 aqh1092 h1097	h1018 aqh1019 h1021 aqh1022 h1024 aqh1025 h1027 aqh1035 h1037 aqh1038 h1093 aqh1097	H113C02 H113C03 H113C04 H113C05 H113D03 H113J01 H113J03
7.4.U.A	Geography Interactions Between People and the Environment Analyze the effects of changes in the physical systems.	wg018	aqwg018		WG13C01
7.4.U.B	Geography Interactions Between People and the Environment Analyze the effects of human activity on the physical systems.	wg018	aqwg018		WG13C01
8.1.U.A	History Historical Analysis and Skills Development Evaluate patterns of continuity and change over time, applying context of events.	h1001 aqh1005 h1007 aqh1008 h1010 aqh1011 h1013 h1015 aqh1016 h1018	aqh1001 h1006 aqh1007 h1009 aqh1010 h1012 h1014 aqh1015 h1017 aqh1018	h1005 aqh1006 h1008 aqh1009 h1011 aqh1012 aqh1014 h1016 aqh1017 h1019	

	aqh1019	h1020	aqh1020	
	h1021	aqh1021	h1022	
	aqh1022	h1023	aqh1023	
	h1024	aqh1024	h1025	
	aqh1025	h1026	aqh1026	
	h1027	aqh1027	h1028	
	h1029	aqh1029	h1030	
	aqh1030	h1031	aqh1031	
	h1032	aqh1032	h1033	
	aqh1033	h1034	aqh1034	
	h1035	aqh1035	h1036	
	aqh1036	h1037	aqh1037	
	h1038	aqh1038	h1039	
	aqh1039	h1040	aqh1040	
	h1041	aqh1041	h1042	
	h1043	aqh1043	h1044	H113A01
	aqh1044	h1045	aqh1045	H113B01
	h1046	aqh1046	h1047	H113B02
	aqh1047	h1048	aqh1048	H113B03
	h1049	aqh1049	h1050	
	aqh1050	h1051	aqh1051	H113B04
	h1052	aqh1052	h1053	H113C01
	aqh1053	h1054	aqh1054	H113C02
	h1057	aqh1057	h1058	H113C03
	aqh1058	h1059	aqh1059	H113C04
	h1060	aqh1060	h1061	H113C05
	aqh1061	h1062	aqh1062	
	h1063	aqh1063	h1064	H113D01
	aqh1064	h1066	aqh1066	H113D02
	h1067	aqh1067	h1068	H113D03
	aqh1068	h1069	aqh1069	H113D04
	h1070	aqh1070	h1071	H113E01
	aqh1071	h1072	aqh1072 h1074	H113E02
	h1073 aqh1074	aqh1073		
	h1076	h1075	aqh1075 h1077	H113E03
	aqh1077	aqh1076 h1079	aqh1079	H113F01
	h1080	aqh1080	h1081	H113F02
	aqh1081	h1082	aqh1082	H113F03
	h1083	aqh1083	h1084	H113F04
	aqh1084	h1085	aqh1085	H113G01
	h1087	aqh1087	h1088	H113G02
	aqh1088	h1089	aqh1089	
	h1090	aqh1090	h1092	H113G03
	aqh1092	h1093	aqh1093	H113G04
	34002		34000	H113G05

		h1094 aqh1095 h1097 aqh1098	aqh1094 h1096 aqh1097 h1099	h1095 aqh1096 h1098	H113H01 H113H02 H113H03 H113I01 H113I02 H113J01 H113J02 H113J03
8.1.U.B	History Historical Analysis and Skills Development Evaluate the interpretation of historical events and sources, considering the use of fact versus opinion, multiple perspectives, and cause and effect relationships.	e3002	e3006	e3016	E313A02 E313A05 E313B08
8.1.U.C	History Historical Analysis and Skills Development Analyze, synthesize and integrate historical data, creating a product that supports and appropriately illustrates inferences and conclusions drawn from research.	e3087 e3090	e3088 e3091	e3089	E313J01 E313J02 E313J03 E313J04 E313J05
8.2.U.A	History Pennsylvania History Evaluate the role groups and individuals from Pennsylvania played in the social, political, cultural, and economic development of the U.S.	h1021 aqh1022 h1045 aqh1047 h1057 aqh1059	aqh1021 h1037 aqh1045 h1049 aqh1057 h1060	h1022 aqh1037 h1047 aqh1049 h1059 aqh1060	H113C03 H113D03 H113E01 H113E02 H113F01 H113F02
8.2.U.B	History Pennsylvania History Evaluate the importance of various historical documents, artifacts, and places in Pennsylvania which are critical to U.S.	h1049 aqh1059	aqh1049 h1060	h1059 aqh1060	H113E02 H113F02
8.2.U.C	History Pennsylvania History Evaluate continuity and change in Pennsylvania are interrelated to the U.S.: belief systems and religions, commerce and industry, technology, politics and government, physical and human geography, and social organization	h1021 aqh1022	aqh1021 h1037	h1022 aqh1037	H113C03 H113D03

8.2.U.D	History Pennsylvania History Evaluate how conflict and cooperation among groups and organizations in Pennsylvania have influenced the growth and development of the U.S.: ethnicity and race, working conditions, immigration, military conflict, and eco	h1021 aqh1022	aqh1021 h1037	h1022 aqh1037	H113C03 H113D03
8.3.U.A	History United States History Compare the role groups and individuals played in the social, political, cultural, and economic development of the U.S.	h1005 aqh1007 h1019 aqh1020 h1022 aqh1023 h1025 aqh1026 h1029 aqh1030 h1033 aqh1034 h1036 aqh1037 h1043 aqh1044 h1046 aqh1047 h1049 aqh1050 h1052 aqh1053 h1057 aqh1058 h1060 aqh1061 h1063 aqh1064 h1067 aqh1068 h1070 aqh1071 h1075 aqh1078 h1078 h1080 aqh1081 h1083 aqh1084 h1087	aqh1005 h1018 aqh1019 h1021 aqh1022 h1024 aqh1025 h1027 aqh1029 h1031 aqh1036 h1038 aqh1043 h1045 aqh1043 h1045 aqh1040 h1051 aqh1052 h1054 aqh1057 h1059 aqh1060 h1062 aqh1063 h1066 aqh1067 h1069 aqh1070 h1072 aqh1075 h1079 aqh1080 h1082 aqh1083 h1085 aqh1087	h1007 aqh1018 h1020 aqh1021 h1023 aqh1024 h1026 aqh1027 h1030 aqh1031 h1034 aqh1035 h1037 aqh1038 h1044 aqh1045 h1047 aqh1048 h1050 aqh1051 h1053 aqh1054 h1058 aqh1059 h1061 aqh1062 h1064 aqh1066 h1068 aqh1069 h1071 aqh1072 h1076 aqh1077 aqh1079 h1081 aqh1082 h1084 aqh1085 h1088	H113B01 H113B02 H113C02 H113C03 H113C04 H113C05 H113D01 H113D02 H113D03 H113E01 H113E02 H113E03 H113F01 H113F04 H113F04 H113G01
		aqh1088	h1089	aqh1089	

		h1090 aqh1092 h1094 aqh1095 h1097 aqh1098	aqh1090 h1093 aqh1094 h1096 aqh1097	h1092 aqh1093 h1095 aqh1096 h1098	H113G02 H113G03 H113G05 H113H01 H113H02 H113H03 H113I01 H113I02 H113J01 H113J02 H113J03
8.3.U.B	History United States History Compare the impact of historical documents, artifacts, and places which are critical to the U.S.	h1049 aqh1059 h1061 aqh1063	aqh1049 h1060 aqh1061 h1064	h1059 aqh1060 h1063 aqh1064	H113E02 H113F02 H113F03 H113F04
8.3.U.C.1	History United States History Evaluate how continuity and change have impacted the United States: belief systems and religions.	h1021 aqh1022 h1024 aqh1025 h1087	aqh1021 h1023 aqh1024 h1038 aqh1087	h1022 aqh1023 h1025 aqh1038	H113C03 H113C04 H113D03 H113I01
8.3.U.C.2	History United States History Evaluate how continuity and change have impacted the United States: commerce and industry.	h1032 aqh1035 h1080	aqh1032 h1079 aqh1080	h1035 aqh1079	H113D02 H113D03 H113H01
8.3.U.C.3	History United States History Evaluate how continuity and change have impacted the United States: technology.	h1079 aqh1080	aqh1079 h1098	h1080 aqh1098	H113H01 H113J03

8.3.U.C.4	History United States History Evaluate how continuity and change have impacted the United States: politics and government.	h1020 aqh1033 h1044 aqh1045 h1048 aqh1049 h1058 aqh1059 h1061 aqh1062 h1064 h1066 aqh1067 h1069 aqh1070 h1075 aqh1076 h1081 aqh1082 h1084 aqh1085 h1097	aqh1020 h1043 aqh1044 h1047 aqh1048 h1057 aqh1058 h1060 aqh1061 h1063 aqh1064 aqh1066 h1068 aqh1069 h1072 aqh1075 h1077 aqh1081 h1083 aqh1084 h1095 aqh1097	h1033 aqh1043 h1045 aqh1047 h1049 aqh1057 h1059 aqh1060 h1062 aqh1063 h1067 aqh1068 h1070 aqh1072 h1076 aqh1077 h1082 aqh1083 h1085 aqh1095	H113C03 H113D02 H113E01 H113F01 H113F02 H113F03 H113F04 H113G01 H113G02 H113G03 H113G05 H113H03 H113H02 H113H03 H113J02 H113J02
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8.3.U.C.5	History United States History Evaluate how continuity and change have impacted the United States: physical and human geography.	h1017 aqh1018 h1020 aqh1021 h1023 aqh1024 h1026 aqh1027 h1035 aqh1036 h1038 aqh1058 h1079 aqh1080 h1093 aqh1097	aqh1017 h1019 aqh1020 h1022 aqh1023 h1025 aqh1026 h1032 aqh1035 h1037 aqh1038 h1071 aqh1079 h1092 aqh1093	h1018 aqh1019 h1021 aqh1022 h1024 aqh1025 h1027 aqh1032 h1036 aqh1037 h1058 aqh1071 h1080 aqh1092 h1097	H113C02 H113C03 H113C04 H113C05 H113D02 H113D03 H113F01 H113G03 H113H01 H113J01 H113J01
8.3.U.C.6	History United States History Evaluate how continuity and change have impacted the United States: social organizations.	h1029 aqh1030 h1079 aqh1081 h1088 aqh1089	aqh1029 h1031 aqh1079 h1087 aqh1088 h1098	h1030 aqh1031 h1081 aqh1087 h1089 aqh1098	H113D01 H113H01 H113H02 H113I01 H113I02 H113J03
8.3.U.D.1	History United States History Evaluate how conflict and cooperation among groups and organizations have influenced the growth and development of the U.S.: ethnicity and race.	h1029 aqh1030 h1076 aqh1081 h1084 aqh1085 h1093 aqh1097 h1099	aqh1029 h1031 aqh1076 h1082 aqh1084 h1088 aqh1093 h1098	h1030 aqh1031 h1081 aqh1082 h1085 aqh1088 h1097 aqh1098	H113D01 H113G05 H113H02 H113H03 H113I01 H113J01 H113J03

8.3.U.D.2	History United States History Evaluate how conflict and cooperation among groups and organizations have influenced the growth and development of the U.S.: working conditions.	h1029 aqh1031 h1080 aqh1098	aqh1029 h1079 aqh1080	h1031 aqh1079 h1098	H113D01 H113H01 H113J03
8.3.U.D.3	History United States History Evaluate how conflict and cooperation among groups and organizations have influenced the growth and development of the U.S.: immigration.	h1029 aqh1030 h1079 aqh1081	aqh1029 h1031 aqh1079	h1030 aqh1031 h1081	H113D01 H113H01 H113H02
8.3.U.D.4	History United States History Evaluate how conflict and cooperation among groups and organizations have influenced the growth and development of the U.S.: military conflict.	h1039 aqh1040 h1042 h1044 aqh1045 h1047 aqh1048 h1050 aqh1051 h1053 aqh1054 aqh1073 h1076 aqh1094 h1096	aqh1039 h1041 h1043 aqh1044 h1046 aqh1047 h1049 aqh1050 h1052 aqh1053 h1055 h1074 aqh1076 h1095 aqh1096	h1040 aqh1041 aqh1043 h1045 aqh1046 h1048 aqh1049 h1051 aqh1052 h1054 h1073 aqh1074 h1094 aqh1095	H113D04 H113E01 H113E02 H113E03 H113G04 H113G05 H113J02
8.3.U.D.5	History United States History Evaluate how conflict and cooperation among groups and organizations have influenced the growth and development of the U.S.: economic stability.	h1032 aqh1035 h1080	aqh1032 h1079 aqh1080	h1035 aqh1079	H113D02 H113D03 H113H01

State Correlations Report: Pennsylvania

Grade: High School

Subject: US History II

Report Name: State Correlations Report 09-20-2012

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Strand Key	Description	Learning	Activities	i	Lesson Quizzes
5.1.U.A	Civics and Government Principles and Documents of Government Apply examples of the rule of law as related to individual rights and the common good.	GV133 aqgv366	aqgv133	GV366	GV13A03 GV13C06
5.1.U.C	Civics and Government Principles and Documents of Government Analyze the principles and ideals that shape United States government: liberty/freedom, democracy, justice, and equality.	HS122 aqgv113 GV122 aqgv123 GV134 GV361 aqgv362 GV364 aqgv365 GV368 aqgv369	aqhs122 GV121 aqgv122 GV133 GV136 aqgv361 GV363 aqgv364 GV366 aqgv368	GV113 aqgv121 GV123 aqgv133 aqgv136 GV362 aqgv363 GV365 aqgv366 GV369	GV13A01 GV13A02 GV13A03 GV13C06 HS13A02
5.1.U.D	Civics and Government Principles and Documents of Government Compare and contrast the basic principles and ideals found in significant documents: Declaration of Independence, United States Constitution, Bill of Rights, and Pennsylvania Constitution.	GV121 aqgv122 GV124 GV134 GV361 aqgv362 GV364 aqgv365 GV368 aqgv369	aqgv121 GV123 GV133 GV136 aqgv361 GV363 aqgv364 GV366 aqgv368	GV122 aqgv123 aqgv133 aqgv136 GV362 aqgv363 GV365 aqgv366 GV369	GV13A02 GV13A03 GV13C06
5.1.U.F	Civics and Government Principles and Documents of Government Analyze the role political symbols play in civil disobedience and patriotic activities.	GV363	aqgv363		GV13C06
5.2.U.A	Civics and Government Rights and Responsibilities of Citizenship Contrast the rights and responsibilities of a citizen in a democracy with a citizen in an authoritarian system.	GV112 aqgv511 GV513	aqgv112 GV512 aqgv513	GV511 aqgv512	GV13A01 GV13E01
5.2.U.B	Civics and Government Rights and Responsibilities of Citizenship Analyze strategies used to resolve conflicts in society and government.	GV113	aqgv113	GV114	GV13A01
5.2.U.C	Civics and Government	HS211	aqhs211	HS212	

Rights and Responsibilities of Citizenship	l aghanan	UC040	ogh = 040	
Examine political leadership and public service in a	aqhs212	HS213	aqhs213	
republican form of government.	HS214	HS434	aqhs434	
	HS521	aqhs521	HS522	
	aqhs522	HS523	aqhs523	
	HS534	aqhs534	HS611	
	aqhs611	HS621	aqhs621	
	HS631	aqhs631	HS632	
	aqhs632	HS633	aqhs633	
	HS814	aqhs814	HS911	
	aqhs911	HS912	aqhs912	
	HS931	aqhs931	HS1011	
	aqhs1011	HS1012	aqhs1012	
	HS1013	aqhs1013	HS1031	
	aqhs1031	HS1032	aqhs1032	
	HS1041	aqhs1041	GV211	
	aqgv211	GV212	aqgv212	
	GV213	aqgv213	GV214	
	aqgv214	GV215	aqgv215	
	GV216	aqgv216	GV217	
	aqgv217	GV219	aqgv219	GV13B01
	GV2110	aqgv2110	GV2111	
	aqgv2111	GV2112	aqgv2112	GV13B02
	GV2113	aqgv2113	GV218	GV13B03
	GV221	aqgv221	GV222	GV13C01
	aqgv222	GV223	aqgv223	GV13C05
	GV224	aqgv224	GV225	GV13D01
	aqgv225	GV226	aqgv226	GV13D02
	GV227	aqgv227	GV228	
	aqgv228	GV231	aqgv231	HS13B01
	GV232	aqgv232	GV233	HS13D03
	aqgv233	GV234	aqgv234	HS13E02
	GV235	aqgv235	GV237	HS13E03
	aqgv237	GV238	aqgv238	HS13F01
	GV239	aqgv239	GV311	HS13F02
	aqgv311	GV312	aqgv312	
	GV313	aqgv313	GV314	HS13F03
	aqgv314	GV315	aqgv315	HS13H01
	GV351	aqgv351	GV352	HS13I01
	aqgv352	GV353	aqgv353	HS13I03
	GV355	aqgv355	GV411	HS13J01
	aqgv411	GV412	aqgv412	
	GV413	aqgv413	GV421	HS13J03
	aqgv421	GV422	aqgv422	HS13J04
	GV423	aqgv423		
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5.2.U.D	Civics and Government Rights and Responsibilities of Citizenship Evaluate and demonstrate what makes competent and responsible citizens.	GV315 aqgv321 GV323	aqgv315 GV322 GV325	GV321 aqgv322 aqgv325	GV13C01 GV13C02
5.3.U.D	Civics and Government How Government Works Evaluate the roles of political parties, interest groups, and mass media in politics and public policy.	HS212 aqhs213 HS521 aqhs522 HS922 aqhs931 HS1031 aqhs1032 GV311 aqgv312 GV314 aqgv315 aqgv341 GV343 aqgv344 GV351 aqgv352 GV355	aqhs212 HS434 aqhs521 HS523 aqhs922 HS1011 aqhs1031 HS1041 aqgv311 GV313 aqgv314 GV346 GV342 aqgv343 GV345 aqgv351 GV353 aqgv355	HS213 aqhs434 HS522 aqhs523 HS931 aqhs1011 HS1032 aqhs1041 GV312 aqgv313 GV315 GV341 aqgv342 GV344 aqgv345 GV352 aqgv353 GV354	GV13C01 GV13C04 GV13C05 HS13B01 HS13D03 HS13I02 HS13I02 HS13I03 HS13J01 HS13J03 HS13J04
5.3.U.F	Civics and Government How Government Works Analyze landmark United States Supreme Court interpretations of the Constitution and its Amendments.	HS211 aqhs431 GV233 aqgv234 GV237 aqgv239	aqhs211 HS911 aqgv233 GV235 aqgv237	HS431 aqhs911 GV234 aqgv235 GV239	GV13B03 HS13B01 HS13D03 HS13l01
5.4.U.A 6.1.U.A	Civics and Government How International Relationships Function Explain how United States foreign policy is developed. Economics	GV611 ec002	aqgv611 aqec002		GV13F01 EC13A01
	Scarcity and Choice Analyze how choices are made because of scarcity.				

6.1.U.B	Economics	HS121	aqhs121	HS123	
	Scarcity and Choice Analyze how conflict and cooperation among groups and	aqhs123	HS422	aqhs422	
	organizations have impacted the control of limited resources	HS511	aqhs511	HS512	HS13A02
	in the United States.	aqhs512	HS513	aqhs513	HS13D02
		HS514	aqhs514		HS13E01
6.1.U.C	Economics Security and Chaica	ec012	aqec012		EC13A03
	Scarcity and Choice Analyze the opportunity cost of decisions made by				
	individuals, businesses, communities, and nations.				
6.2.U.A	Economics Markets and Economic Systems	ec034	aqec034		EC13C01
	Markets and Economic Systems Analyze the flow of goods and services in the national				
	economy.				
6.2.U.C	Economics Markets and Fearance Systems	GV341	aqgv341	GV342	
	Markets and Economic Systems Evaluate the impact of advertising and media on individual	aqgv342	GV343	aqgv343	GV13C04
	and group behavior throughout United States history.	GV344	aqgv344	GV345	
		aqgv345			
6.2.U.D	Economics	ec032	aqec032	ec033	
	Markets and Economic Systems Explain how the laws of supply and demand impacted	aqec033	ec034	aqec034	EC13C01
	individuals and groups behavior over time.	ec035	aqec035	ec036	
		aqec036			
6.2.U.E	Economics Markets and Four arris Customs	ec022	aqec022		EC13B02
	Markets and Economic Systems Analyze the impact of the business cycle on individual and				
	group behavior over time. Analyze the characteristics of				
0.011.5	economic expansion, recession, and depression.				
6.2.U.F	Economics Markets and Economic Systems	ec013	aqec013		EC13A03
	Analyze the impact of private economic institutions on				
0.011.0	individuals and groups over time.				
6.2.U.G	Economics Markets and Economic Systems	ec003	aqec003	ec004	
	Compare and contrast various economic systems.	aqec004	GV521	aqgv521	EC13A01
		GV522	aqgv522	GV523	
		aqgv523	GV525	aqgv525	GV13E02
0.011.0		GV524			
6.3.U.B	Economics Functions of Government	HS211	aqhs211	HS221	
	Analyze how conflict and cooperation among groups and	aqhs221	HS231	aqhs231	
	organizations have influenced the history and development	HS232	aqhs232	HS241	
	of the world: ethnicity and race, working conditions, immigration, military conflict, and economic stab	aqhs241	HS251	aqhs251	
		HS261	aqhs261	HS262	
		HS311	aqhs311	HS321	
		aqhs321	HS322	aqhs322	
		HS331	aqhs331	HS411	
		aqhs411	HS421	aqhs421	
		HS422	aqhs422	HS431	
		aqhs431 HS433	HS432	aqhs432 HS434	
		110400	aqhs433	110404	
i .		<u> </u>			<u>. </u>

6.3.U.C	Economics	aqhs434 aqhs511 HS513 aqhs514 HS522 aqhs523 HS531 aqhs532 HS534 aqhs611 HS622 aqhs623 HS632 aqhs633 HS711 aqhs712 HS722 aqhs723 HS725 aqhs731 HS733 aqhs811 HS821 aqhs822 HS824 HS912 aqhs921 HS1012 aqhs1021 HS1042 aqhs1043	aqhs1042	aqhs1033	HS13B01 HS13B02 HS13B03 HS13B04 HS13B05 HS13B06 HS13C01 HS13C02 HS13C03 HS13D01 HS13D02 HS13D03 HS13E01 HS13E02 HS13E03 HS13F01 HS13F02 HS13F03 HS13F01
	Functions of Government Compare and contrast the taxation policies of the local, state, and national governments.	aqgv413	GV423	aqgv423	EC13B03 GV13D01 GV13D02

6.3.U.D	Economics Functions of Government Analyze how conflict and cooperation among groups and organizations have influenced the history and development of the world: ethnicity and race, working conditions, immigration, military conflict, and economic stab	HS211 aqhs221 HS232 aqhs241 HS261 HS311 aqhs321 HS331 aqhs411 HS422 aqhs431 HS433 aqhs434 aqhs511 HS513 aqhs514 HS522 aqhs523 HS531 aqhs532 HS531 aqhs611 HS622 aqhs623 HS632 aqhs623 HS711 aqhs712 HS722 aqhs723 HS725 aqhs731 HS725 aqhs731 HS722 aqhs822 HS824 HS912 aqhs921 HS1012 aqhs1021	aqhs211 HS231 aqhs232 HS251 aqhs261 aqhs311 HS322 aqhs331 HS421 aqhs422 HS432 aqhs433 HS435 HS512 aqhs513 HS521 aqhs522 HS525 aqhs531 HS533 aqhs534 HS621 aqhs622 HS631 aqhs622 HS631 aqhs632 HS634 aqhs711 HS721 aqhs722 HS724 aqhs725 HS724 aqhs725 HS732 aqhs733 HS814 aqhs821 HS823 HS911 aqhs912 HS922 aqhs1012 HS1033	HS221 aqhs231 HS241 aqhs251 HS262 HS321 aqhs322 HS411 aqhs421 HS431 aqhs432 HS434 HS511 aqhs512 HS514 aqhs521 HS523 aqhs525 HS532 aqhs533 HS611 aqhs621 HS623 aqhs631 HS633 aqhs631 HS633 aqhs631 HS633 aqhs631 HS712 aqhs721 HS723 aqhs724 HS731 aqhs732 HS711 aqhs814 HS822 aqhs813 aqhs814 HS822 aqhs823 aqhs911 HS921 aqhs922 HS1021 aqhs1033	HS13B01 HS13B02 HS13B03 HS13B06 HS13C01 HS13C02 HS13C03 HS13D01 HS13D02 HS13D03 HS13E01 HS13E02 HS13E03 HS13F01 HS13F02 HS13F03 HS13F03 HS13F01	
		HS912 aqhs921 HS1012	aqhs912 HS922 aqhs1012 HS1033 aqhs1042	HS921 aqhs922 HS1021 aqhs1033	HS13F02 HS13F03	

				HS13I01 HS13I02 HS13J01 HS13J02 HS13J03
				HS13J04
6.4.U.A	Economics Economic Interdependence Explain how specialization contributes to economic interdependence on a national and international level.	ec009	aqec009	EC13A02

6.4.U.C	Economics Economic Interdependence	HS121	aqhs121	HS122	
	Compare the role groups and individuals played in the	aqhs122	HS123	aqhs123	
	social, political, cultural, and economic development of the	HS124	aqhs124	HS211	
	U.S.	aqhs211	HS212	aqhs212	
		HS213	aqhs213	HS232	
		aqhs232	HS251	aqhs251	
		HS311	aqhs311	HS321	
		aqhs321	HS322	aqhs322	
		HS331	aqhs331	HS411	
		aqhs411	HS421	aqhs421	
		HS422	aqhs422	HS431	
		aqhs431	HS432	aqhs432	
		HS433	aqhs433	HS434	
		aqhs434	HS511	aqhs511	
		HS521	aqhs521	HS522	HS13A02
		aqhs522	HS523	aqhs523	HS13B01
		HS524	aqhs524	HS525	HS13B03
		aqhs525	HS611	aqhs611	HS13B05
		HS612	aqhs612	HS621	HS13C01
		aqhs621	HS622	aqhs622	
		HS623	aqhs623	HS631	HS13C02
		aqhs631	HS632	aqhs632	HS13C03
		HS633	aqhs633	HS634	HS13D01
		aqhs634	HS732	aqhs732	HS13D02
		HS733	aqhs733	HS811	HS13D03
		aqhs811	HS812	aqhs812	HS13E01
		HS813	aqhs813	HS814	
		aqhs814	HS911	aqhs911	HS13E02
		HS912	aqhs912	HS922	HS13F01
		aqhs922	HS1011	aqhs1011	HS13F02
		HS1031	aqhs1031	HS1041	HS13F03
		aqhs1041	HS1044	aqhs1044	HS13G03
					HS13H01
					HS13I01
					HS13I02
					HS13J01
					HS13J03
					HS13J04
6.4.U.D	Economics Economic Interdependence Explain how the level of development of transportation,	ec055 aqec056	aqec055 ec057	ec056	EC13D02
	communication networks, and technology affect economic interdependence.				

6.5.U.B	Economics Income, Profit, and Wealth	HS121	aqhs121	HS122	
	Compare the role groups and individuals played in the	aqhs122	HS123	aqhs123	
	social, political, cultural, and economic development of the	HS124	aqhs124	HS211	
	U.S.	aqhs211	HS212	aqhs212	
		HS213	aqhs213	HS232	
		aqhs232	HS251	aqhs251	
		HS311	aqhs311	HS321	
		aqhs321	HS322	aqhs322	
		HS331	aqhs331	HS411	
		aqhs411	HS421	aqhs421	
		HS422	aqhs422	HS431	
		aqhs431	HS432	aqhs432	
		HS433	aqhs433	HS434	
		aqhs434	HS511	aqhs511	
		HS521	aqhs521	HS522	HS13A02
		aqhs522	HS523	aqhs523	HS13B01
		HS524	aqhs524	HS525	HS13B03
		aqhs525	HS611	aqhs611	HS13B05
		HS612	aqhs612	HS621	HS13C01
		aqhs621	HS622	aqhs622	HS13C02
		HS623	aqhs623 HS632	HS631	
		aqhs631 HS633	aqhs633	aqhs632 HS634	HS13C03
		aqhs634	HS732	aqhs732	HS13D01
		HS733	aqhs733	HS811	HS13D02
		aqhs811	HS812	aqhs812	HS13D03
		HS813	aqhs813	HS814	HS13E01
		aqhs814	HS911	aqhs911	HS13E02
		HS912	aqhs912	HS922	HS13F01
		aqhs922	HS1011	aqhs1011	HS13F02
		HS1031	aqhs1031	HS1041	
		aqhs1041	HS1044	aqhs1044	HS13F03
					HS13G03
					HS13H01
					HS13I01
					HS13I02
					HS13J01
					HS13J03
					HS13J04
6.5.U.E	Economics Income, Profit, and Wealth	HS411	aqhs411	HS433	UC12D04
	Define wealth and describe its distribution within and among	aqhs433	HS811	aqhs811	HS13D01
	the political divisions of the United States.				HS13D03
					HS13H01

6.5.U.F	Economics Income, Profit, and Wealth Examine leading entrepreneurs in the United States in terms of the risks they took and the rewards they received.	ec034	aqec034		EC13C01
7.1.U.A	Geography Basic Geographic Literacy Use geographic tools to analyze information about the interaction between people, places, and the environment.	wg001 aqwg002	aqwg001	wg002	WG13A01
7.2.U.A	Geography Physical Characteristics of Places and Regions Analyze the physical characteristics of places and regions, including the interrelationships among the components of Earth's physical systems.	wg008 aqwg009 wg011 aqwg012 wg014 aqwg025	aqwg008 wg010 aqwg011 wg013 aqwg014	wg009 aqwg010 wg012 aqwg013 wg025	WG13B02 WG13B03 WG13D01
7.2.U.B	Geography Physical Characteristics of Places and Regions Analyze the significance of physical processes in shaping the character of places and regions.	wg008 aqwg009 wg011 aqwg012 wg014	aqwg008 wg010 aqwg011 wg013 aqwg014	wg009 aqwg010 wg012 aqwg013	WG13B02 WG13B03
7.3.U.A	Geography Human Characteristics of Places and Regions Analyze the human characteristics of places and regions using the following criteria: population, culture, settlement, economic activities, and political activities.	HS123 aqhs411 HS525 aqhs811 HS911	aqhs123 HS422 aqhs525 HS812 aqhs911	HS411 aqhs422 HS811 aqhs812	HS13A02 HS13D01 HS13D02 HS13E02 HS13H01 HS13I01
7.4.U.A	Geography Interactions Between People and the Environment Analyze the effects of changes in the physical systems.	wg018	aqwg018		WG13C01
7.4.U.B	Geography Interactions Between People and the Environment Analyze the effects of human activity on the physical systems.	wg018	aqwg018		WG13C01
8.1.U.A	History Historical Analysis and Skills Development Evaluate patterns of continuity and change over time, applying context of events.	h1001 aqhs121 HS123 aqhs124 HS212 aqhs213 HS231 aqhs232 HS251 aqhs261 HS321	aqh1001 HS122 aqhs123 HS211 aqhs212 HS221 aqhs231 HS241 aqhs251 HS311 aqhs321	HS121 aqhs122 HS124 aqhs211 HS213 aqhs221 HS232 aqhs241 HS261 aqhs311 HS322	

	aqhs322	HS331	aqhs331	
	HS332	HS411	aqhs411	
	HS421	aqhs421	HS422	
	aqhs422	HS431	aqhs431	
	HS432	aqhs432	HS433	
	aqhs433	HS434	aqhs434	
	HS435	HS511	aqhs511	
	HS512	aqhs512	HS513	
	aqhs513	HS514	aqhs514	
	HS521	aqhs521	HS522	
	aqhs522	HS523	aqhs523	
	HS524	aqhs524	HS525	
	aqhs525	HS531	aqhs531	
	HS532	aqhs532	HS533	H113A01
	aqhs533	HS534	aqhs534	HS13A02
	HS535	HS611	aqhs611	HS13B01
	HS612	aqhs612	HS621	HS13B02
	aqhs621	HS622	aqhs622	
	HS623	aqhs623	HS631	HS13B03
	aqhs631	HS632	aqhs632	HS13B04
	HS633	aqhs633	HS634	HS13B05
	aqhs634	HS635	HS711	HS13B06
	aqhs711	HS712	aqhs712	HS13C01
	HS721	aqhs721	HS722	HS13C02
	aqhs722	HS723	aqhs723	
	HS724	aqhs724	HS725	HS13C03
	aqhs725	HS731	aqhs731	HS13D01
	HS732	aqhs732	HS733	HS13D02
	aqhs733	HS734	HS811	HS13D03
	aqhs811	HS812	aqhs812	HS13E01
	HS813	aqhs813	HS814	HS13E02
	aqhs814	HS821	aqhs821	
	HS822	aqhs822	HS823	HS13E03
	aqhs823	HS824	HS911	HS13F01
	aqhs911	HS912	aqhs912	HS13F02
	HS921	aqhs921	HS922	HS13F03
	aqhs922	HS931	aqhs931	HS13G01
	HS932	HS1011	aqhs1011	HS13G02
	HS1012	aqhs1012		
		HS1021	•	HS13G03
	HS1031	aqhs1031	HS1032	HS13H01
		HS1033	aqhs1033	HS13H02
	HS1041	aqhs1041		HS13I01
		HS1043	aqhs1043	HS13I02
	HS1044	aqhs1044	HS 1045	

					HS13I03 HS13J01 HS13J02 HS13J03 HS13J04
8.1.U.B	History Historical Analysis and Skills Development Evaluate the interpretation of historical events and sources, considering the use of fact versus opinion, multiple perspectives, and cause and effect relationships.	E2451 E2723 e3024	E2711 E2725 e3034	E2713 e3016 e3043	E313E05 E213D05 E213G01 E213G02 E313B08 E313C07 E313D07 E313E04
8.1.U.C	History Historical Analysis and Skills Development Analyze, synthesize and integrate historical data, creating a product that supports and appropriately illustrates inferences and conclusions drawn from research.	e3087 e3090	e3088 e3091	e3089	E313J01 E313J02 E313J03 E313J04 E313J05
8.2.U.A	History Pennsylvania History Evaluate the role groups and individuals from Pennsylvania played in the social, political, cultural, and economic development of the U.S.	h1021 aqh1022 h1045 aqh1047 h1057 aqh1059	aqh1021 h1037 aqh1045 h1049 aqh1057 h1060	h1022 aqh1037 h1047 aqh1049 h1059 aqh1060	H113C03 H113D03 H113E01 H113E02 H113F01 H113F02
8.2.U.B	History Pennsylvania History Evaluate the importance of various historical documents, artifacts, and places in Pennsylvania which are critical to U.S.	h1049 aqh1059	aqh1049 h1060	h1059 aqh1060	H113E02 H113F02

8.2.U.C	History Pennsylvania History Evaluate continuity and change in Pennsylvania are interrelated to the U.S.: belief systems and religions, commerce and industry, technology, politics and government, physical and human geography, and social organization	h1021 aqh1022	aqh1021 h1037	aqn1037	H113C03 H113D03
8.2.U.D	History Pennsylvania History Evaluate how conflict and cooperation among groups and organizations in Pennsylvania have influenced the growth and development of the U.S.: ethnicity and race, working conditions, immigration, military conflict, and eco	h1021 aqh1022	aqh1021 h1037	aqn1037	H113C03 H113D03

8.3.U.A	History	HS121	aqhs121	HS122	
	United States History	aqhs122	HS123	aqhs123	
	Compare the role groups and individuals played in the social, political, cultural, and economic development of the	HS124	aqhs124	HS211	
	U.S.	aqhs211	HS212	aqhs212	
		HS213	aqhs213	HS232	
		aqhs232	HS251	aqhs251	
		HS311	aqhs311	HS321	
		aqhs321	HS322	aqhs322	
		HS331	aqhs331	HS411	
		aqhs411	HS421	aqhs421	
		HS422	aqhs422	HS431	
		aqhs431	HS432	aqhs432	
		HS433	aqhs433	HS434	
		aqhs434	HS511	aqhs511	
		HS521	aqhs521	HS522	HS13A02
		aqhs522	HS523	aqhs523	HS13B01
		HS524	aqhs524	HS525	HS13B03
		aqhs525	HS611	aqhs611	HS13B05
		HS612	aqhs612	HS621	HS13C01
		aqhs621	HS622	aqhs622	
		HS623	aqhs623	HS631	HS13C02
		aqhs631	HS632	aqhs632	HS13C03
		HS633	aqhs633	HS634	HS13D01
		aqhs634 HS733	HS732 aqhs733	aqhs732 HS811	HS13D02
		aqhs811	HS812	aqhs812	HS13D03
		HS813	aqhs813	HS814	HS13E01
		aqhs814	HS911	aqhs911	HS13E02
		HS912	aqhs912	HS922	HS13F01
		aqhs922	HS1011	aqhs1011	HS13F02
		HS1031	aqhs1031	HS1041	
		aqhs1041		aqhs1044	HS13F03
					HS13G03
					HS13H01
					HS13I01
					HS13I02
					HS13J01
					HS13J03
					HS13J04

8.3.U.B	History United States History Compare the impact of historical documents, artifacts, and places which are critical to the U.S.	GV121 aqgv122 GV131 aqgv132 GV135 aqgv136	aqgv121 GV123 aqgv131 GV133 aqgv135 GV134	GV122 aqgv123 GV132 aqgv133 GV136	GV13A02 GV13A03
8.3.U.C.1	History United States History Evaluate how continuity and change have impacted the United States: belief systems and religions.	HS124	aqhs124		HS13A02
8.3.U.C.2	History United States History Evaluate how continuity and change have impacted the United States: commerce and industry.	HS411 aqhs512 HS611 aqhs811	aqhs411 HS513 aqhs611 HS1021	HS512 aqhs513 HS811 aqhs1021	HS13D01 HS13E01 HS13F01 HS13H01 HS13J02
8.3.U.C.3	History United States History Evaluate how continuity and change have impacted the United States: technology.	HS411 aqhs421 HS732 aqhs811 HS1021 aqhs1044	aqhs411 HS611 aqhs732 HS812 aqhs1021	HS421 aqhs611 HS811 aqhs812 HS1044	HS13D01 HS13D02 HS13F01 HS13G03 HS13H01 HS13J02 HS13J04

United States History		
Evaluate how continuity and change have impacted the aqhs212 HS213	aqhs213	
United States: politics and government. HS251 aqhs25	HS311	
aqhs311 HS321	aqhs321	
HS322 aqhs32	HS331	
aqhs331 HS431	aqhs431	
HS433 aqhs43	HS434	
aqhs434 HS511	aqhs511	
HS512 aqhs51	. HS513	
aqhs513 HS514	aqhs514	
HS521 aqhs52	HS522	
aqhs522 HS523	aqhs523	
HS524 aqhs52	HS525	
aqhs525 HS532	aqhs532	
HS534 aqhs53		
aqhs611 HS621	aqhs621	HS13B01
HS622 aqhs62		HS13B05
aqhs623 HS631	aqhs631	HS13C01
HS632 aqhs63		
aqhs633 HS634	aqhs634	HS13C02
HS712 aqhs71		HS13C03
aqhs725 HS732	aqhs732	HS13D03
HS733 aqhs73		HS13E01
aqhs811 HS814 HS821 aqhs82	aqhs814 HS822	HS13E02
HS821 aqhs82 aqhs822 HS823	aqhs823	HS13E03
HS911 aqhs91	•	HS13F01
aqhs912 HS921	aqhs921	
HS931 aqhs93		HS13F02
aqhs1011 HS1012		HS13F03
	3 HS1031	HS13G01
aqhs1031 HS1032		HS13G02
	3 HS1041	HS13G03
aqhs1041 HS1042		HS13H01
	3 HS1044	HS13H02
aqhs1044		
		HS13I01
		HS13I02
		HS13I03
		HS13J01
		HS13J03
		HS13J04

8.3.U.C.5	History United States History Evaluate how continuity and change have impacted the United States: physical and human geography.	HS123 aqhs421 HS525 aqhs811 HS911	aqhs123 HS422 aqhs525 HS812 aqhs911	HS421 aqhs422 HS811 aqhs812	HS13A02 HS13D02 HS13E02 HS13H01 HS13I01
8.3.U.C.6	History United States History Evaluate how continuity and change have impacted the United States: social organizations.	HS124 aqhs251 HS432 aqhs433 HS521 aqhs522 HS524 aqhs525 HS812 aqhs813 HS911 aqhs922	aqhs124 HS431 aqhs432 HS434 aqhs521 HS523 aqhs524 HS811 aqhs812 HS814 aqhs911	HS251 aqhs431 HS433 aqhs434 HS522 aqhs523 HS525 aqhs811 HS813 aqhs814 HS922	HS13A02 HS13B05 HS13D03 HS13E02 HS13H01 HS13I01
8.3.U.D.1	History United States History Evaluate how conflict and cooperation among groups and organizations have influenced the growth and development of the U.S.: ethnicity and race.	HS124 aqhs211 HS431 aqhs432 HS611 aqhs733 HS922	aqhs124 HS251 aqhs431 HS525 aqhs611 HS911 aqhs922	HS211 aqhs251 HS432 aqhs525 HS733 aqhs911	HS13A02 HS13B01 HS13B05 HS13D03 HS13E02 HS13F01 HS13G03 HS13I01 HS13I02
8.3.U.D.2	History United States History Evaluate how conflict and cooperation among groups and organizations have influenced the growth and development of the U.S.: working conditions.	HS411 aqhs432 HS434 aqhs521 HS523 aqhs732 HS1021	aqhs411 HS433 aqhs434 HS522 aqhs523 HS811 aqhs1021	HS432 aqhs433 HS521 aqhs522 HS732 aqhs811	HS13D01 HS13D03 HS13E02 HS13G03 HS13H01 HS13J02

8.3.U.D.4	History United States History Evaluate how conflict and cooperation among groups and organizations have influenced the growth and development of the U.S.: immigration. History United States History Evaluate how conflict and cooperation among groups and organizations have influenced the growth and development of the U.S.: military conflict.	HS432 aqhs611 HS814 HS221 aqhs231 HS241 aqhs251 HS262 HS513 aqhs514 HS532 aqhs533 HS535 HS712 aqhs721 HS723 aqhs724 HS821 aqhs822 HS921 aqhs1043	aqhs432 HS733 aqhs814 aqhs814 aqhs221 HS232 aqhs241 HS261 HS512 aqhs531 aqhs532 HS534 HS711 aqhs712 HS722 aqhs723 HS725 aqhs821 HS823 aqhs921	HS611 aqhs733 HS231 aqhs232 HS251 aqhs261 aqhs512 HS514 aqhs531 HS533 aqhs534 aqhs711 HS721 aqhs722 HS724 aqhs725 HS822 aqhs823 HS1043	HS13D03 HS13F01 HS13G03 HS13H01 HS13B02 HS13B03 HS13B04 HS13B05 HS13B06 HS13E01 HS13E03 HS13G01 HS13G02 HS13H02 HS13H02 HS13H02 HS13J04
8.3.U.D.5	History United States History Evaluate how conflict and cooperation among groups and organizations have influenced the growth and development of the U.S.: economic stability.	HS433 aqhs611 HS622 aqhs623 HS632 aqhs633 HS732 aqhs811	aqhs433 HS621 aqhs622 HS631 aqhs632 HS634 aqhs732	HS611 aqhs621 HS623 aqhs631 HS633 aqhs634 HS811	HS13D03 HS13F01 HS13F02 HS13F03 HS13G03 HS13H01