WARREN COUNTY SCHOOL DISTRICT

SECTION 9000

9100 CURRICULUM DEVELOPMENT, ADOPTION AND REVIEW

9150 Graduation or Exit Outcomes Prior to 2000-2001

1. Communications

(i)All students use effective research and information management skills, including locating primary and secondary sources of information with traditional and emerging library technologies.

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All students read and use a variety of methods to (ii) make sense of various kinds of complex texts.

(iii) All students respond orally and in writing to information and ideas gained by reading narrative and informational texts and use the information and ideas to make decisions and solve problems.

(iv) All students write for a variety of purposes, including to narrate, inform, and persuade, in all subject areas.

- All students analyze and make critical judgments (v) about all forms of communication, separating fact from opinion, recognizing propaganda, stereotypes and statements of bias, recognizing inconsistencies and judging the validity of evidence.
- (vi) All students exchange information orally, including understanding and giving spoken instructions, asking and answering questions appropriately and promoting effective group communications.

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(vii) All students listen to and understand complex oral messages and identify their purpose, structure, and use.

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1	Page 2 9150	Graduation or Exit Outcomes Prior to 2000-2001		
2 3	(viii)	All students compose and make oral presentations for		
4	(1111)	each academic area of study that are designed to		
5		persuade, inform or describe.		
6		persuade, inform of describe.		
7	(ix)	All students converse, at a minimum level of		
8	(121)	"intermediate Low," as defined in the oral proficiency		
9		guidelines developed by the American council on the		
10		Teaching of Foreign Languages, in at least one		
11		language other than English, including the native		
12		language if other than English, under 5.215(c)		
13		(relating to languages).		
14				
15	2. M	lathematics		
16				
17	(i)	All students use numbers, number systems, and		
18		equivalent forms (including numbers, words, objects,		
19		and graphics) to represent theoretical and practical		
20		situations.		
21				
22	(ii)	All students compute, measure, and estimate to solve		
23		theoretical and practical problems, using appropriate		
24		tools, including modern technology such as		
25		calculators and computers.		
26				
27	(iii)	All students apply the concepts of patterns, functions,		
28		and relations to solve theoretical and practical		
29		problems.		
30				
31	(iv)	All students formulate and solve problems and		
32		communicate the mathematical processes used and		
33		the reasons for using them.		
34	()	All standards and anatomid and analysis as a south of		
35	(v)	All students understand and apply basic concepts of		
36		algebra, geometry, probability, and statistics to solve		
37 38		theoretical and practical problems.		
39	(573)	All students evaluate, infer, and draw appropriate		
40	(vi)	conclusions from charts, tables, and graphs, showing		
41				
41		the relationships between data and real world situations.		
43		situations.		
44	(vii)	All students make decisions and predictions based		
45	(11)	upon the collection, organization, analysis, and		
46		apoir the concentrit, organization, analysis, and		

1	Page 3	9150	Graduation or Exit Outcomes Prior to 2000-2001			
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3			interpretation of statistical data and the application of			
4			probability.			
5		0 0	' 170 1 1			
6		3. Sc	ience and Technology			
7		(:)	A11 - 4 1 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -			
8		(i)	All students explain how scientific principles of			
9			chemical,			
10			physical, and biological phenomena have developed			
11 12			and relate them to real world situations.			
		(;;)	All students demonstrate Imaggladge of basic concents			
13 14		(ii)	All students demonstrate knowledge of basic concepts			
15			and principles of physical, chemical, biological, and earth sciences.			
16			earth sciences.			
17		(;;;)	All students use and master meterials tools and			
18		(iii)	All students use and master materials, tools, and			
19			processes of major technologies which are applied in economic and civil life.			
20			economic and civil me.			
21		(iv)	All students explain the relationships among science,			
22		(1V)	-			
23			technology, and society.			
24		(v)	All students construct and evaluate scientific and			
25		(V)	technological systems using models to explain or			
26			predict results.			
27			predict results.			
28		(vi)	All students develop and apply skills of observation,			
29		(• 1)	data collection, analysis, pattern recognition,			
30			prediction, and scientific reasoning in designing and			
31			conducting experiments and solving technological			
32			problems.			
33			problems.			
34		(vii)	All students evaluate advantages, disadvantages, and			
35		(*11)	ethical implications associated with the impact of			
36			science and technology on current and future life.			
37			50101100 u11u 000111010W 011 0u11u 11u 1u10u110 11u0			
38		(viii)	All students evaluate the impact on current and			
39		(- ===)	future life of the development and use of varied energy			
40			forms, natural and synthetic materials, and			
41			production and processing of food and other			
42			agricultural products.			
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1	Page 4	9150	Graduation or Exit Outcomes Prior to 2000-2001			
2 3		4. Er	Environment and Ecology			
4		1. 21	ivironment and Beology			
5		(i)	All students understand and describe the components			
			of ecological systems and their functions.			
7		(::)	A11 - 4 1 - 41 - 41 CC- 4 C 2-1 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4			
8		(ii)	All students analyze the effects of social systems,			
9			behaviors and technologies on ecological systems and			
10			environmental quality.			
11						
12		(***)	A11			
13		(iii)	All students think critically and generate potential			
14			solutions to environmental issues.			
15		<i>(</i> ')	A11 . 1 . 1 . 1 . 1			
16		(iv)	All students evaluate the implications of finite natural			
17			resources and the need for conservation, sustainable			
18			agricultural development, and stewardship of the			
19			environment.			
20		- ~:				
21		5. Ci	tizenship			
22						
23		(i)	All students demonstrate an understanding of major			
24			events, cultures, groups, and individuals in the			
25			historical development of Pennsylvania, the United			
26			States and other nations, and describe themes and			
27			patterns of historical development.			
28						
29		(ii)	All students demonstrate understanding of themes			
30			and patterns of geography, know the location of major			
31			bodies of water, land masses and nations, and			
32			describe the relationships between geography and			
33			historical, economic, and cultural development.			
34						
35		(iii)	All students describe the development and operations			
36			of			
37			economic, political, legal and governmental systems in			
38			the United States, assesses their own relationships to			
39			those systems and compare them to those in other			
40			nations.			
41						
42		(iv)	All students examine and evaluate problems facing			
43			citizens in their communities, State, nation, and			
44			world by incorporating concepts and methods of			
45			inquiry of the various social sciences.			
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1	Page 5	9150	Graduation or Exit Outcomes Prior to 2000-2001		
2 3		(v)	All students develop and defend a position on current		
4		(V)	issues confronting the United States and other		
5			nations, conducting research, analyzing alternatives,		
6			organizing evidence and arguments, and making oral		
7			presentations.		
8			presentations.		
9		(vi)	All students explain basic economic concepts and the		
10		(• 1)	development and operation of economic systems in		
11			the United States and other nations, and make		
12			informed decisions about economic issues.		
13			miormed decisions asset economic issues.		
14					
15		(vii)	All students demonstrate their skills of		
16		(*11)	communicating, negotiating, and cooperating with		
17			others.		
18			002102.00		
19		(viii)	All students demonstrate that they can work		
20		(- ===)	effectively with others.		
21					
22		(ix)	All students demonstrate an understanding of the		
23		()	history and nature of prejudice and relate their		
24			knowledge to current issues facing communities, the		
25			United States and other nations.		
26					
27		6. Ar	ts and Humanities		
28					
29		(i)	All students describe the meanings they find in		
30			various		
31			works from the visual and performing arts and		
32			literature on the basis of aesthetic understanding of		
33			the art form.		
34					
35		(ii)	All students evaluate and respond critically to works		
36			from the visual and performing arts and literature of		
37			various individuals and cultures, showing that they		
38			understand important features of the works.		
39					
40		(iii)	All students relate various works from the visual and		
41			performing arts and literature to the historical and		
42			cultural context within which they were created.		
43					
44		(iv)	All students produce, perform or exhibit their work in		
45			the visual arts, music, dance or theater, and describe		
46			the meanings their work has for them.		

1	Page 6	9150	Graduation or Exit Outcomes Prior to 2000-2001			
2 3		7. Career Education and Work				
4		7. Career Education and Work				
5 6 7 8 9	(i)		All students explore the multiple purposes of work and the range of career options, including entrepreneur-ship, and relate them to their individual interests, aptitudes, skills, and values.			
10 11 12 13 14		(ii)	All students assess how changes in society, technology, government, and the economy affect individuals and their careers and require them to continue learning.			
15 16 17 18 19 20 21		(iii)	All students understand and demonstrate the importance of relating their academic and vocational skills (for example, interviewing, creative thinking, decision-making, problem-solving, understanding and giving written and oral instructions) to their ability to seek, obtain, maintain, and change jobs.			
22 23 24 25 26		(iv)	All students completing a vocational-technical education program exhibit the skills required to succeed in a particular occupation for which they have prepared.			
27 28		8. We	ellness and Fitness			
29 30 31 32		(i)	All students develop knowledge of injury prevention and treatment and the ability to respond appropriately in emergency situations.			
33 34 35 36		(ii)	All students recognize and demonstrate the ability to apply dietary guidelines to meet nutritional needs at various stages of life.			
37 38 39 40 41		(iii)	All students demonstrate their knowledge of the benefits associated with physical fitness and good personal health habits including health promotion and disease prevention.			
42 43 44 45 46		(iv)	All students identify the advantages of avoiding, and develop the skills to avoid tobacco, alcohol, and substance use.			

1	Page 7	9150	Graduati	ion or Ex	xit Outcomes Prior to 2000-2001
2					
3		(v)			onstrate individual development in
4 5					d physical fitness, including aerobic in life-time sports and outdoor
6					note lifelong physical activity.
7				, 1	
8		(vi)	All stude	nts dem	onstrate leadership skills and the
9			•		operatively in team sports or other
10			developn	nentally	appropriate group activities.
11			_		
12		9. Ho	me Econ	omics	
13					
14		(i)			onstrate their knowledge of
15					sumer behavior as a foundation for
16			_	_	ole resources to provide for personal
17			and fami	ny needs	•
18 19		(jj)	All stude	nta dem	onstrate their knowledge of basic
20		(ii)			child care skills.
21			cilia ne	aitii aiiu	cina care skins.
22					
23		Adoption	Date	_	September 13, 1999
24		Revised			,
25		Practice		_	
26		Legal Ref	erence	-	Pennsylvania School Laws & Rules
27		-			
28	JT/ab				
29	JHD/rjf				