

Library Curriculum Framework
Stage 1 Desired Results: Concepts & Competencies
PA Academic Standards, AASL Standards for Learners & ISTE Standards for Students
Arranged by Concepts & Grade Bands 9-12

Big Idea I Inquire		Learners build new knowledge by inquiring, reading, thinking critically, identifying problems, and developing strategies for solving problems.							
Essential Questions		<ul style="list-style-type: none"> ▪ How do learners display curiosity and initiative? ▪ How do learners engage with and create meaning from information and text? ▪ How do learners participate in an inquiry-based process? 							
Concepts and Competencies for Learners		PA Academic Standards						AASL Standards for Learners	ISTE Standards for Students
Concept: Constructing Questions for Research and Inquiry									
Grade Band	Learner Competencies What students should be able to do; key skills	ELA 1._._ Grade Band	Science 3._._ Grade Band	SS & H 8._._ Grade Band	CEW 13._._ Grades 3, 5, 8, 11	BCIT 15._._ Grade Band	CRSC PK-12	Shared Foundation. Domain. Competency PK-12	Number Letter PK-12
9-12	Narrow a self-generated, broad research question.	1.4.V 9-12	3.6.F 9-12	8.6.F 9-12	13.2.B 9-12	15.3.C 9-12		I.A.1 I.D.2 II.D.2 IV.A	1a 3a
Concept: Using Information in Research and Inquiry Processes									
9-12	Use specific textual evidence from primary and secondary sources.		3.5.A 9-12	8.5.A 8.5.I 6-8				I.B	
Concept: Drawing Evidence from Literature and Nonfiction									
9-12	Draw supporting evidence from literature or nonfiction to make a point or express a personal opinion.	1.4.S 1.4.V 9-12	3.6.F	8.6.F	13.1.11.F	15.3.C		I.A I.B.1 IV.B V.A VI.D	3b 3d

Concept: Applying Strategies to Create Meaning in Literary Fiction

9-12	Apply strategies to create meaning from literary fiction by questioning, reflecting, responding, and evaluating.	1.3.K 9-12						I	
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Concept: Integrating Diverse Media

9-12	Make strategic use of digital media in presentations to add interest and enhance understanding of findings, reasoning, and evidence.	1.5.F 9-12						I.B IV.A.3 VI.A VI.C	3c 6
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Big Idea II: Include		Learners demonstrate an understanding of and commitment to inclusiveness and respect for diversity in the learning community.							
Essential Questions		<ul style="list-style-type: none"> How do learners become informed and committed to the concept of diversity? How do learners gain perspective, recognize, and represent diverse points of view? How do learners reflect on their own range of perspectives and develop awareness, inclusion of, and empathy for others? 							
Concepts and Competencies for Learners		PA Academic Standards						AASL Standards for Learners	ISTE Standards for Students
Concept: Examining Perspectives and Points of View									
Grade Band	Learner Competencies What students should be able to do; key skills	ELA 1.___ Band	Science 3.___ Band	SS & H 8.___ Band	CEW 13.___ 3,5,8,11	BCIT 15.___ Band	CRSC PK-12	Shared Foundation. Domain. Competency	Number Letter PK-12
9-12	Compare and make connections among several points of view about the same issue, evaluating the strengths and weaknesses of arguments.	1.2.H 1.4.V 9-12	3.6.F 9-12	8.6.F 9-12	13.1.F 13.2.B 9-12	15.3.C 9-12		I.A I.B II.B II.D.2 IV.A.3 IV.B IV.D.1	3b 3c 3d
9-12	Acknowledge controversy by using a variety of sources and incorporating opposing claims or differing viewpoints to present an argument.	1.4.I 9-12		8.6.G 9-12 8.6.H 9-12				II.A II.B IV.B V.A	3d 7a
9-12	Identify and use texts and resources that represent a broad range of cultures and identities, with help and support.	1.4.S 9-12						I.A.1 I.B.1 II.A.3 II.D.3	3d 4a 5b
Concept: Developing Social Problem-Solving Skills									
9-12	Explain how you situate yourself in a diverse community.						B 9-12	II.C II.D	

9-12	Evaluate strategies to prevent and resolve conflicts.						B 9-12	II.C.2	
9-12	Evaluate how societal conventions may influence the perspectives of individuals.						C 9-12	II.B.1 II.C	

Big Idea III: Collaborate		Learners work effectively with others to broaden perspectives and work toward common goals.							
Essential Questions		<ul style="list-style-type: none"> How do learners adapt, communicate, and exchange knowledge and ideas with others? How do learners collaborate productively with others to create? How do learners actively participate in communication networks? 							
Concepts and Competencies for Learners		PA Academic Standards						AASL Standards for Learners	ISTE Standards for Students
Concept: Engaging in a Learning Community									
Grade Band	Learner Competencies What students should be able to do; key skills	ELA 1._._ Band	Science 3._._ Band	SS & H 8._._ Band	CEW 13._._ 3,5,8,11	BCIT 15._._ Band	CRSC PK-12	Shared Foundation. Domain. Competency	Number Letter PK-12
9-12	Engage actively in a learning group by establishing connections with other learners to build on prior knowledge and create new knowledge.							III	1b
9-12	Solicit and respond to feedback from others.							III	1c
9-12	Include diverse perspectives in the inquiry process.							III	7a 7b 7d
9-12	Recognize and contribute actively to learning as a social responsibility.							III	7a 7b 7c 7d
Concept: Communicating to Establish and Sustain Relationships									
9-12	Establish pro-social relationships to support self and others.						B 9-12	III.D	
9-12	Select expressive communication strategies specific to context.						B 9-12	III.B	

Big Idea IV: Curate		Learners make meaning for themselves and others by collecting, organizing, and sharing resources of personal relevance.							
Essential Questions		<ul style="list-style-type: none"> How do learners act on an information need? How do learners gather information appropriate to the task? How do learners determine an author's purpose? How do learners systematically question and assess the authority, bias, accuracy, relevancy, and currency of information? How do learners select and organize information for a variety of audiences? 							
Concepts and Competencies for Learners		PA Academic Standards						AASL Standards for Learners	ISTE Standards for Students
Concept: Using Sources of Information									
Grade Band	Learner Competencies What students should be able to do; key skills	ELA 1._._ Band	Science 3._._ Band	SS & H 8._._ Band	CEW 13._._ 3,5,8,11	BCIT 15._._ Band	CRSC PK-12	Shared Foundation. Domain. Competency	Number Letter PK-12
9-12	Access print and digital resources including the library catalog and databases using features within the source itself.		3.6.G 9-12	8.6.G 9-12		15.3.I 9-12		IV.A IV.B	
9-12	Use search functions of a database to access digitally stored sources. natural language searching, keyword, limiters subject headings.		3.6.G 9-12	8.6.G 9-12		15.3.I 9-12		I.D IV.D	
9-12	Independently, use various print and digital reference sources.	1.2.L 9-12	3.5.I 9-12	8.5.I 9-12				IV.A IV.B V.A	
Concept: Evaluating Information Sources									
9-12	Identify and evaluate an author's credentials and background information to determine the author's purpose or point of view.	1.2.D 9-12						II.B.1 IV.B.3 VI.A.3	3b

9-12	Analyze information and evaluate sources for authority, bias, accuracy, relevancy, and currency of information.	1.5.C 1.4.W 1.2.G 9-12	3.6.G 9-12	8.6.G 9-12	13.2.B 13.1.F 9-12	15.3.E 15.4.K 15.3.I 9-12		II.A IV.A IV.B IV.D V.A VI.A	3c 4b 5b
Concept: Selecting Information for Use in Research and Inquiry Processes									
9-12	Select information from informational texts to support analysis, reflection, and research.		3.6.H 9-12		13.1.F 13.2.B 9-12			I.B.1 I.D IV.A IV.B IV.D.1	3b 5b
Concept: Using and Synthesizing Information									
9-12	Synthesize information found in multiple sources.	1.2.G 1.4.W 9-12	3.5.G 9-12	8.5.G 8.5.I 9-12	13.1.F 13.2.B 9-12	15.3.E 15.3.I 9-12		I.B.2 IV.D VI.A.3 VI.B	4a 5b 3d
9-12	Summarize, paraphrase, and quote from resources.	1.4.S 1.4.W 9-12			13.1.F 13.2.B 9-12			IV.B IV.D.1	
9-12	Take notes on relevant information to support one's own position.	1.4.S 1.4.W 9-12			13.1.F 13.2.B 9-12			I.B IV.A IV.B	4a

Big Idea V: Explore		Learners read, discover and innovate with a growth mindset developed through experience and reflection.							
Essential Questions		<ul style="list-style-type: none"> How do learners develop and satisfy personal curiosity? How do learners read widely and deeply in multiple formats and create for a variety of purposes? How do learners persevere to solve problems through inquiry, implementation, and reflection? 							
Concepts and Competencies for Learners		PA Academic Standards						AASL Standards for Learners	ISTE Standards for Students
Concept: Selecting and Reading Literary Fiction, Nonfiction, and Informational Texts									
Grade Band	Learner Competencies What students should be able to do; key skills	ELA 1._._ Band	Science 3._._ Band	SS & H 8._._ Band	CEW 13._._ 3,5,8,11	BCIT 15._._ Band	CRSC PK-12	Shared Foundation. Domain. Competency	Number Letter PK-12
9-12	Locate, select, and utilize literary fiction, nonfiction, and informational texts independently for personal growth or independent analysis, reflection, and research.	1.2.L 1.3.K 1.4.S 1.4.V 9-12	3.6.F 3.5.I 9-12	8.6.F 8.5.I 9-12	13.1.F 13.2.B 9-12	15.3.C 9-12		I.D IV.A IV.B IV.D V.A	3c 3d 4a 5b 6a
Concept: Using and Presenting Information in Different Media Formats									
9-12	Integrate visual and audio representations of information in diverse media formats.	1.5.C 9-12			13.1.F 9-12			IV.D V.B	4b 5b
Concept: Personalizing Lifelong Learning									
9-12	Engage in sustained inquiry demonstrating interest in other perspectives.	1.4.V 9-12	3.6.E 9-12	8.6.E 9-12	13.3.G 9-12	15.3.W 9-12		I.D V.D	1a
9-12	Perform ongoing analysis of and reflection on the quality, usefulness, and accuracy of curated resources.	1.4.V 9-12	3.6.F 9-12	8.6.F 9-12		15.3.E 9-12		IV.D V.D	
9-12	Respond iteratively to challenges, and recognize capabilities and skills can be developed, improved, and expanded.	1.4.V 9-12	3.6.F 9-12	8.6.F 9-12		15.3.A 15.3.M 9-12		V.D VI.D	1a

9-12	Accept feedback open-mindedly for positive and constructive growth.	1.4.V 9-12				15.3.A 15.3.M 9-12		V.D	1a
9-12	Personalize use of information and information technologies.	1.4.U 9-12	3.6.F 9-12	8.6.F 9-12		15.3.T 15.3.W 9-12		V.D VI.D	1a
Concept: Developing Self-Awareness and Self-Management									
9-12	Advocate for oneself in education, employment, and within the community.						A 9-12	V.D	
9-12	Analyze adverse situations for the purpose of identifying and selecting healthy coping skills.						A 9-12	V.B V.D	

Big Idea VI: Engage		Learners demonstrate safe, legal, and ethical creating and sharing of knowledge products independently while engaging in a community of practice and an interconnected world.							
Essential Questions		<ul style="list-style-type: none"> How do learners follow ethical, responsible, safe, and legal guidelines for gathering, creating and sharing information, technology, and media? How do learners use valid information and reasoned conclusions to make ethical decisions in creating new knowledge? How do learners personalize their use of information and information technologies? How do learners engage with information to extend their personal learning? 							
Concepts and Competencies for Learners		PA Academic Standards						AASL Standards for Learners	ISTE Standards for Students
Concept: Attributing Information Sources									
Grade Band	Learner Competencies What students should be able to do; key skills	ELA 1._._ Band	Science 3._._ Band	SS & H 8._._ Band	CEW 13._._ 3,5,8,11	BCIT 15._._ Band	CRSC PK-12	Shared Foundation. Domain. Competency	Number Letter PK-12
9-12	Use standard citation format e.g. endnotes, footnotes, parenthetical citation to document specific primary or secondary source information and include a standard citation page (e.g. bibliography, works cited).	1.4.S 1.4.W 9-12	3.5.A 9-12	8.5.A 8.5.I 9-12				I.B VI	2c
Concept: Creating Multimedia to Demonstrate Learning									
9-12	Create multimedia products to present relationships between information and ideas.	1.4.U 9-12	3.6.F 9-12	8.6.F 9-12	13.1.F 13.2.B 9-12	15.3.C 9-12		I.C IV.D.3 VI.C.2	6
Concept: Developing Digital Skills									
9-12	Use ongoing feedback and technology to produce, publish, and update individual or shared products ethically.	1.4.U 9-12	3.6.E 9-12	8.6.E 9-12		15.3.W 9-12		I.C III.C IV.C.3 IV.D VI	6c

Concept: Demonstrating Etiquette in Using Technology									
9-12	Demonstrate technology etiquette skills and leadership when communicating with others.					15.3.M 15.3.W 9-12		VI	2
Concept: Applying Principles of Intellectual Property									
9-12	Apply intellectual property principles (e.g., public domain, Creative Commons, educational fair use, copyright).					15.3.T 15.4.B 9-12		VI	2
Concept: Using Information and Technology Safely and Responsibly									
9-12	Advocate and practice safe, legal, ethical, and responsible use of information and technology in school and in personal situations (e.g., public domain, Creative Commons, educational fair use, copyright).					15.3.T 15.4.B 9-12		VI	2 6
Concept: Communicating Effectively to Establish and Sustain Relationships									
9-12	Select expressive communication strategies specific to context.						B 9-12	VI.C.2	

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