

Organization Name	Department of Corrections ABE Programs
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Class/Program Name	GED Literacy 3 Science				
<i>Class Site(s)</i>	DOC- ABE Programs			<i>Days & Times</i>	M-F, 90 min sessions
<i>Student Placement Level(s)</i>	6.0 to 12.9	<i>Class Assessment(s)</i>	Curriculum tests	<i>Scaled Score Range</i>	
<i>Class Led By</i>	<i>ABE Literacy Teachers</i>	<i>Delivery Style</i>	Class X	One-to-One X	Distance Learning Hybrid Other
<i>Class Goals</i>	To attain competency in Nature of science & engineering, physical science, life science and Earth and space science				
<i>Standards Addressed</i>	College and Career Readiness Standards (CCRS)	<p><u>Reading</u>: CCR Anchor 1 Level D: Cite several pieces of textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text (Level E: Cite strong and thorough textual evidence....)</p> <p>CCR Anchor 2 Level D: Determine a theme or central idea of a text and how it is conveyed through particular details; provide a summary of the text distinct from personal opinions or judgments.</p> <p>Level E: Provide an objective summary of the text; summarize complex concepts, processes or information presented in a text by paraphrasing them in simpler but still accurate terms.</p> <p>CCR Anchor 6 Level D: Determine an author’s point of view or purpose in a text and analyze how the author acknowledges and responds to conflicting evidence or viewpoints.</p> <p>Level E: Compare the point of view of two or more authors for how they treat the same or similar topics, including which details they include and emphasize in their respective accounts.</p> <p>CCR Anchor 7 Level D: Integrate information presented in different media or formats as well as in words to develop a coherent understanding of a topic or issue.</p> <p>Level E: Integrate and evaluate multiple sources of information presented in different media or formats as well as in words in order to address a question or solve a problem.</p>			

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		<p>CCR Anchor 8 Level D: Delineate and evaluate the argument and specific claims in a text, assessing whether the reasoning is sound and the evidence is relevant and sufficient; recognize when irrelevant evidence is introduced.</p> <p>Level E: Delineate....whether the reasoning is valid and the evidence is relevant and sufficient; identify false statements and fallacious reasoning.</p> <p><u>Writing</u>: CCR Anchor 1: Write arguments to support claims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence.</p> <p>CCR Anchor 4: Produce clear and coherent writing in which the development, organization and style are appropriate to task, purpose and audience.</p> <p>CCR Anchor 9: Draw evidence from literacy or informational texts to support analysis, reflection and research.</p> <p><u>Language</u>: CCR Anchor 1: Demonstrate command of the conventions of standard English grammar and usage when writing or speaking</p> <p>CCR Anchor 2: Demonstrate.....English capitalization, punctuation and spelling when writing.</p> <p>CCR Anchor 4: Determine or clarify the meaning of unknown and multiple-meaning words and phrases by using context clues, analyzing meaningful word parts, and consulting general and specialized reference materials, as appropriate.</p> <p><u>Mathematics</u>: Level D: Use ration reasoning to solve problems; Model bivariate data using a linear equation; understand the concept of a function; calculate with and compare integers; represent equations graphically</p> <p>Level E: Create a linear equations to represent a data set</p>
	<p>Academic, Career, and Employability Skills Transitions Integration Framework (ACES TIF)</p>	<p>Effective Communication: Skills 1-3</p> <p>Learning Strategies: Skills 1-4</p> <p>Academic Language & Skills: Skills 1-3, 5</p> <p>Critical Thinking: Skills 1-4</p> <p>Self-Management: Skills 1-3</p> <p>Navigating Systems: Skills 1-2</p>

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	Northstar Digital Literacy Standards	Microsoft Word Powerpoint
	Other?	Offender Network

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<i>Class Content</i>	Nature of Science and Engineering	
	Competency	Core Materials
	Show an understanding of the scientific method, using empirical criteria, logical argument and skeptical review	Common Core Achieve-Science Ch. 3 Steck Vaughn Science: Test Preparation for the 2014 GED Test
	Describe how science, technology, engineering, mathematics and society interact in order to meet needs and solve problems	Common Core Achieve-Science Ch. 6 Steck Vaughn Science: Test Preparation for the 2014 GED Test
	Demonstrate how the context of scientific effort influences society and is influenced by society	Common Core Achieve-Science Ch. 3 Steck Vaughn Science: Test Preparation for the 2014 GED Test
	Physical Science	
	Competency	Core Materials
	Demonstrate an understanding of matter (properties, structure and changes)	Common Core Achieve-Science Ch. 7 Steck Vaughn Science: Test Preparation for the 2014 GED Test-Unit 2 Kaplan Big Book: pp 543-557
	Demonstrate an understanding of motion (forces)	Common Core Achieve-Science Ch. 5 Steck Vaughn Science: Test Preparation for the 2014 GED Test-Unit 2 Kaplan Big Book: pp 543-557
	Demonstrate an understanding of energy (types and transformations)	Common Core Achieve-Science Ch. 6 Steck Vaughn Science: Test Preparation for the 2014 GED Test-Unit 2 Kaplan Big Book: pp 543-557
	Life Science	
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	Explain how living things are interdependent and constantly changing	Common Core Achieve-Science Ch. 2 Steck Vaughn Science: Test Preparation for the 2014 GED Test-Unit 1 Kaplan Big Book: pp 508-527
	Explain how humans impact natural systems	Common Core Achieve-Science Ch. 2 Steck Vaughn Science: Test Preparation for the 2014 GED Test-Unit 1 Kaplan Big Book: pp 508-527
	Explain the concept of ecosystems, including the transformation and transfer of energy and matter	Common Core Achieve-Science Ch. 2 Steck Vaughn Science: Test Preparation for the 2014 GED Test-Unit 1 Kaplan Big Book: pp 508-527
	Explain the concepts of evolution and extinction	Common Core Achieve-Science Ch. 4 Steck Vaughn Science: Test Preparation for the 2014 GED Test-Unit 1 Kaplan Big Book: pp 508-527
	Explain how the human body functions, heredity, environment, disease, maintenance and age	Common Core Achieve-Science Ch. 1 and 4 Steck Vaughn Science: Test Preparation for the 2014 GED Test-Unit 1 Kaplan Big Book: pp 508-527
	Earth & Space Science	
	Competency	Core Materials
	Explain how the Earth and solar system interact and change, and how these changes impact formations of the Earth's surface and atmosphere, including weather and climate	Common Core Achieve-Science Ch. 8 and 9 Steck Vaughn Science: Test Preparation for the 2014 GED Test-Unit 3 Kaplan Big Book: pp 528-541
	Explain aspects of earth and space changes as they relate to human interaction with global environments	Common Core Achieve-Science Ch. 8 and 9 Steck Vaughn Science: Test Preparation for the 2014 GED Test-Unit 3 Kaplan Big Book: pp 528-541

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<i>Class Activities</i>	Readings, discussions, guided practice, note taking, vocabulary drills, essays, quizzes, ExamView and paper tests
<i>Class Text(s), Educational Technology, & Other Instructional Materials</i>	Science for the GED; Science and Math materials from Milliken, NRP, McGraw Hill, etc.; educational video clips Websites: https://mnliteracy.org/tools/curriculum-lesson-plans/ged-science