

-DRAFT- 5.28.07

**Correlations Rubric for National Core Competencies for Professional Environmental Educators
Seeking Certification and Fundamentals of Environmental Education**

Those Competencies fully addressed in Fundamentals of Environmental Education are noted in bold.

Theme 1: Environmental Literacy

Competency 1.1: Questioning and Analysis Skills

Competency	Where is it addressed in FEE?	How extensively is it addressed in FEE? (Fully Addressed, Partially Addressed, Minimally Addressed or Not Addressed)	What assignments will ask me to demonstrate this competency? (Fully Demonstrated, Partially Demonstrated, Minimally Demonstrated or Not Demonstrated)
1.1a - A certified environmental educator will compare and contrast three different investigative approaches/methods/modes and apply at least one of them to an environmental topic.	FEE – Unit 2 (section 2.4) FEE – Unit 4 (section 4.5)	Fully Addressed	Partially Demonstrated (Issues Investigation/2.4.3) Fully Demonstrated (Investigating Local Issues/2.4.4) Partially Demonstrated (Issue Analysis/4.5.7- <i>Credit Participants Only</i>) Fully Demonstrated (Local Issues Revisited/4.5.8)

<p>1.1b - A certified environmental educator will describe two scenarios in which environmental knowledge is incomplete, and will explain how environmental knowledge continues to change as discoveries are made.</p>	<p>FEE – Unit 4 (section 4.1)</p>	<p>Minimally Addressed</p>	<p>Minimally Demonstrated (Identifying EE Learner Guidelines/4.1.2 and Lesson Vignettes/4.1.3-<i>Credit Participants Only</i>)</p>
<p>1.1c - A certified environmental educator will critically analyze two or more sources of information for accuracy and reliability.</p>	<p>FEE – Unit 2 (section 2.4)</p> <p>FEE –Unit 4 (section 4.4)</p> <p>FEE – Unit 4 (section 4.5)</p>	<p>Fully Addressed</p>	<p>Investigating Local Issues/2.4.4/Fully Demonstrated</p> <p>Partially Demonstrated (Resource Reviews/4.4.6)</p> <p>Fully Demonstrated (Local Issues Revisited/4.5.8)</p>

Theme 1: Environmental Literacy

Competency 1.2: Knowledge of Environmental Processes and Systems

Competency	Where is it addressed in FEE?	How extensively is it addressed in FEE? (Fully Addressed, Partially Addressed, Minimally Addressed or Not Addressed)	What assignments will ask me to demonstrate this competency? (Fully Demonstrated, Partially Demonstrated, Minimally Demonstrated or Not Demonstrated)
1.2a - A certified environmental educator will demonstrate an understanding of the processes and systems that comprise each of these concepts: (a) biological change; (b) cycles, physical processes that shape the earth, and energy flow; (c) biodiversity; (d) cultural, political and economic systems; (e) human interactions with the environment; and (f) ecological consequences.	FEE – Unit 2 (section 2.3) FEE – Unit 2 (section 2.3) FEE – Unit 4 (section 4.1)	Minimally Addressed	Not Demonstrated (Text Only/2.3) Minimally Demonstrated (Knowledge Self-Assessment/2.3.2- <i>Credit Participants Only</i>) Minimally Demonstrated (Identifying EE Learner Guidelines/4.1.2 and Lesson Vignettes/4.1.3- <i>Credit Participants Only</i>)
1.2b – A certified environmental educator will demonstrate knowledge of the certifying state and	FEE – Unit 2 (section 2.3)	Minimally Addressed	Minimally Demonstrated (Knowledge Self-Assessment/2.3.2- <i>Credit Participants Only</i>)

bioregion's natural and cultural histories.	FEE – Unit 3 (section 3.1)		Minimally Demonstrated (Standards & Community Resources/3.1.2 and Local EE Resources/3.1.3- <i>Credit Participants Only</i>)
	FEE – Culminating Assignment		Partially Demonstrated (Culminating Assignment/Option 4: EE in Your State)

Theme 1: Environmental Literacy

Competency 1.3: Skills for Understanding and Addressing Environmental Issues

Competency	Where is it addressed in FEE?	How extensively is it addressed in FEE? (Fully Addressed, Partially Addressed, Minimally Addressed or Not Addressed)	What assignments will ask me to demonstrate this competency? (Fully Demonstrated, Partially Demonstrated, Minimally Demonstrated or Not Demonstrated)
1.3a - A certified environmental educator will differentiate between an environmental event, problem and issue.	FEE – Unit 4 (section 4.5) FEE – Unit 4 (section 4.5)	Fully Addressed	Fully Demonstrated (Issue Analysis/4.5.7- <i>Credit Participants Only</i>) Fully Demonstrated (Local Issues Revisited/4.5.8)
1.3b - A certified environmental educator will identify an	FEE – Unit 2 (section 2.4)	Fully Addressed	Partially Demonstrated (Issues Investigation/2.4.3)

<p>environmental issue and, for that issue, design a plan to: investigate, analyze, and evaluate its scope, causes, and consequences;</p>	<p>FEE – Unit 4 (section 4.1)</p> <p>FEE – Unit 4 (section 4.3)</p> <p>FEE – Unit 4 (section 4.5)</p>		<p>Partially Demonstrated (Investigating Local Issues/2.4.4)</p> <p>Partially Demonstrated (Identifying EE Learner Guidelines/4.1.2) and Lesson Vignettes/4.1.3-<i>Credit Participants Only</i>)</p> <p>Minimally Demonstrated (Short Stories/4.3.4)</p> <p>Partially Demonstrated (Issue Analysis/4.5.7-<i>Credit Participants Only</i>)</p> <p>Partially Demonstrated (Local Issues Revisited 4.5.8)</p>
<p>1.3c - A certified environmental educator will identify an environmental issue and, for that issue, design a plan to: investigate and evaluate alternative solutions.</p>	<p>FEE – Unit 2 (section 2.4)</p> <p>FEE – Unit 4 (section 4.5)</p>	<p>Partially Addressed</p>	<p>Partially Demonstrated (Issues Investigation/2.4.3)</p> <p>Partially Demonstrated (Investigating Local Issues/2.4.4)</p> <p>Partially Demonstrated (Local Issues Revisited/4.5.8)</p>

Theme 1: Environmental Literacy

Competency 1.4: Personal and Civic Responsibility

Competency	Where is it addressed in FEE?	How extensively is it addressed in FEE? (Fully Addressed, Partially Addressed, Minimally Addressed or Not Addressed)	What assignments will ask me to demonstrate this competency? (Fully Demonstrated, Partially Demonstrated, Minimally Demonstrated or Not Demonstrated)
<p>1.4a - A certified environmental educator will describe an environmental issue and various societal values that play a role in it;</p>	<p>FEE – Unit 2 (section 2.4)</p> <p>FEE – Unit 2 (section 2.5)</p> <p>FEE – Unit 4 (section 4.1)</p> <p>FEE – Unit 4 (section 4.5)</p>	<p>Fully Addressed</p>	<p>Partially Demonstrated (Investigating Local Issues/2.4.4)</p> <p>Partially Demonstrated (Wilke vs. Kwong/2.5.4)</p> <p>Minimally Demonstrated (Lesson Planning/4.1.1)</p> <p>Partially Demonstrated (Issue Analysis/4.5.7-<i>Credit Participants Only</i>)</p> <p>Fully Demonstrated (Local Issues Revisited/4.5.8)</p>

<p>1.4b - A certified environmental educator will articulate citizen rights and responsibilities, as well as his/her position, with respect to that issue;</p>	<p>FEE – Unit 2 (section 2.5)</p> <p>FEE – Unit 3 (section 3.4)</p> <p>FEE – Unit 4 (section 4.1)</p> <p>FEE – Unit 4 (section 4.5)</p>	<p>Partially Addressed</p>	<p>Minimally Demonstrated (Wilke vs. Kwong/2.5.4)</p> <p>Not Demonstrated (Text Only/3.4)</p> <p>Minimally Demonstrated (Lesson Planning/4.1.1)</p> <p>Partially Demonstrated (Issue Analysis/4.5.7-<i>Credit Participants Only</i>)</p> <p>Partially Demonstrated (Local Issues Revisited/4.5.8)</p>
<p>1.4c - A certified environmental educator will propose and justify a course of action;</p>	<p>FEE – Unit 2 (section 2.4)</p> <p>FEE – Unit 4 (section 4.5)</p>	<p>Fully Addressed</p>	<p>Partially Demonstrated (Issues Investigation/2.4.3)</p> <p>Fully Demonstrated (Issue Analysis/4.5.7-<i>Credit Participants Only</i>)</p> <p>Fully Demonstrated (Local Issues Revisited/4.5.8)</p>
<p>1.4d - A certified environmental educator will design a plan to carry out that action;</p>	<p>FEE – Unit 2 (section 2.5)</p> <p>FEE – Unit 4 (section 4.1)</p>	<p>Minimally Addressed</p>	<p>Minimally Demonstrated (Wilke vs. Kwong/2.5.4)</p> <p>Not Demonstrated (Text Only/4.1)</p>

	FEE – Unit 4 (section 4.5)		Minimally Demonstrated (Issue Analysis/4.5.7- <i>Credit Participants Only</i>)
1.4e - A certified environmental educator will critique that plan, to include probable outcomes and consequences.	FEE – Unit 2 (section 2.5) FEE – Unit 4 (section 4.1) FEE – Unit 4 (section 4.5)	Minimally Addressed	Not Demonstrated (Text Only/2.5) Not Demonstrated (Text Only/4.1) Not Demonstrated (Text Only/4.5) Minimally Demonstrated (Local Issues Revisited/4.5.8)

Theme 2: Foundations of Environmental Education

Competency 2.1: Fundamental Characteristics & Goals of Environmental Education

Competency	Where is it addressed in FEE?	How extensively is it addressed in FEE? (Fully Addressed, Partially Addressed, Minimally Addressed or Not Addressed)	What assignments will ask me to demonstrate this competency? (Fully Demonstrated, Partially Demonstrated, Minimally Demonstrated or Not Demonstrated)
2.1 - A certified environmental educator will be able to describe the goals, objectives and characteristics of	FEE – Unit 1 (section 1.1) FEE – Unit 1 (section 1.3)	Fully Addressed	Minimally Demonstrated (Definition of EE/1.1.1 and Two Hats/1.1.2) Fully Demonstrated

environmental education that contribute to making it a distinct field.	FEE – Unit 4 (section 4.1)		(Tbilisi Objectives/1.3.3, Principles of EE/1.3.4- <i>Credit Participants Only</i> and Revised Definition of EE/1.3.5)
	FEE – Unit 4 (section 4.4)		Partially Demonstrated (Identifying EE Learner Guidelines/4.1.2) Partially Demonstrated (Resource Reviews/4.4.6)

Theme 2: Foundations of Environmental Education
Competency 2.2: How Environmental Education is Implemented

Competency	Where is it addressed in FEE?	How extensively is it addressed in FEE? (Fully Addressed, Partially Addressed, Minimally Addressed or Not Addressed)	What assignments will ask me to demonstrate this competency? (Fully Demonstrated, Partially Demonstrated, Minimally Demonstrated or Not Demonstrated)
2.2 - A certified environmental educator will be able to identify two major national and two state EE providers and the resources they offer.	FEE – Unit 3 (section 3.1) FEE – Unit 4 (section 4.1)	Fully Addressed	Fully Demonstrated (Standards & Community Resources/3.1.2) Partially Demonstrated (Identifying EE Learner Guidelines/4.1.2 Lesson Vignettes/4.1.3- <i>Credit</i>)

	FEE – Unit 4 (section 4.3)		<i>Participants Only</i>
	FEE – Unit 4 (section 4.4)		Partially Demonstrated (Activity Review/4.3.5)
	FEE – Unit 5 (section 5.4)		Partially Demonstrated (Resource Review/4.4.6)
	FEE – Unit 6 (section 6.3)		Minimally Demonstrated (Evaluating Nonformal Programs/5.4.5)
	FEE – Culminating Assignments		Partially Demonstrated (Endangered Species Gallery Walk/6.3.5- <i>Credit Participants Only</i>)
			Partially Demonstrated (Culminating Assignments/Options 1: Lesson Plan; 4:EE in Your State)

Theme 2: Foundations of Environmental Education
Competency 2.3: The Evolution of the Field

Competency	Where is it addressed in FEE?	How extensively is it addressed in FEE? (Fully Addressed, Partially Addressed, Minimally Addressed or Not Addressed)	What assignments will ask me to demonstrate this competency? (Fully Demonstrated, Partially Demonstrated, Minimally Demonstrated or Not Demonstrated)
2.3a - A certified environmental educator will be able to explain the	FEE – Unit 1 (section 1.1)	Fully Addressed	Minimally Demonstrated (Two Hats/1.1.2)

<p>evolution of the field of environmental education, by citing and describing the significance or impact of two historical documents, three movements (historical and emerging), two policies, and three individuals in making the field what it is today.</p>	<p>FEE – Unit 1 (section 1.3)</p> <p>FEE – Unit 1 (section 1.4)</p> <p>FEE – Unit 2 (section 2.4)</p> <p>FEE – Unit 2 (section 2.5)</p> <p>FEE – Unit 3 (section 3.1)</p> <p>FEE – Unit 3 (section 3.3)</p> <p>FEE – Unit 3 (section 3.4)</p> <p>FEE – Unit 4 (section 4.1)</p>		<p>Fully Demonstrated (Tbilisi Objectives/1.3.3, Principles of EE/1.3.4- <i>Credit Participants Only</i> and Revised Definition of EE/1.3.5)</p> <p>Partially Demonstrated (EE Research/1.4.6-<i>Credit Participants Only</i>)</p> <p>Minimally Demonstrated (Issues Investigation/2.4.3)</p> <p>Partially Demonstrated (Wilke vs. Kwong/2.5.4)</p> <p>Minimally Demonstrated (Standards & Community Resources/3.1.2)</p> <p>Partially Demonstrated (Top Ten List/3.3.5)</p> <p>Partially Demonstrated (EE Criticisms/3.4.6)</p> <p>Partially Demonstrated (Identifying EE Learner Guidelines/ 4.1.2)</p>
<p>2.3b – A certified environmental educator will be able to discuss how at least one current policy impacts his or her day-to-</p>	<p>FEE – Unit 3 (section 3.1)</p>	<p>Partially Addressed</p>	<p>Partially Demonstrated (Standards & Community Resources/ 3.1.2)</p>

day work.			
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Theme 3: Professional Responsibilities of the Environmental Educator
Competency 3.1: Exemplary Environmental Education Practice

Competency	Where is it addressed in FEE?	How extensively is it addressed in FEE? (Fully Addressed, Partially Addressed, Minimally Addressed or Not Addressed)	What assignments will ask me to demonstrate this competency? (Fully Demonstrated, Partially Demonstrated, Minimally Demonstrated or Not Demonstrated)
<p>3.1a - A certified environmental educator will model responsible, respectful and reasoned behavior during two presentations and an interaction (e.g. committee meetings, activities, communications, etc.) with a local community.</p>	<p>FEE – Unit 1 (section 1.1)</p> <p>FEE – Unit 3 (section 3.2)</p> <p>FEE – Unit 3 (section 3.4)</p> <p>FEE – Unit 4 (section 4.1)</p> <p>FEE – Unit 4 (section 4.3)</p> <p>FEE – Unit 6 (section 6.3)</p> <p>FEE – Culminating Assignment</p>	<p>Partially Addressed</p>	<p>Partially Demonstrated (Two Hats/1.1.2)</p> <p>Partially Demonstrated (Two Hats Revisited/3.2.4)</p> <p>Partially Demonstrated (EE Criticisms/3.4.6)</p> <p>Partially Demonstrated (Lesson Planning/4.1.1)</p> <p>Partially Demonstrated (Short Stories/4.3.4)</p> <p>Partially Demonstrated (Teachable Moment/6.3.4)</p> <p>Partially Demonstrated (Culminating Assignment/Option 1: Lesson Plan)</p>

3.1b - A certified environmental educator will correlate two inquiry-based lessons to national and/or state academic standards.	FEE – Unit 3 (section 3.1)	Fully Addressed	Fully Demonstrated (Standards & Community Resources/3.1.2)
	FEE – Unit 4 (section 4.1)		Partially Demonstrated (Lesson Planning/4.1.1 and Identifying EE Learner Guidelines/4.1.2)
	FEE – Unit 5 (section 5.2)		Partially Demonstrated (Measurable Objectives/5.2.2)
	FEE – Culminating Assignment		Fully Demonstrated (Culminating Assignment/Option 1: Lesson Plan)

Theme 3: Professional Responsibilities of the Environmental Educator
Competency 3.2: Emphasis on Education, Not Advocacy

Competency	Where is it addressed in FEE?	How extensively is it addressed in FEE? (Fully Addressed, Partially Addressed, Minimally Addressed or Not Addressed)	What assignments will ask me to demonstrate this competency? (Fully Demonstrated, Partially Demonstrated, Minimally Demonstrated or Not Demonstrated)
3.2a - A certified environmental educator will illustrate with two examples what the differences are between	FEE – Unit 1 (section 1.1)	Fully Addressed	Partially Demonstrated (Two Hats/1.1.2)
	FEE – Unit 2 (section 2.5)		Partially Demonstrated (Wilke vs. Kwong/2.5.4)

<p>advocacy and education.</p>	<p>FEE – Unit 3 (section 3.2)</p>		<p>Partially Demonstrated (Two Hats Revisited/3.2.4)</p> <p>Minimally Demonstrated (EE Criticisms/3.4.6)</p>
<p>3.2b - A certified environmental educator will identify two instructional strategies and two curriculum materials/resources (e.g. CD-ROMs, videos, posters, books, websites, etc.) and explain how they can be used to encourage learners to gain/explore different perspectives, form their own opinions, and support their beliefs.</p>	<p>FEE – Unit 2 (section 2.4)</p> <p>FEE – Unit 2 (section 2.5)</p> <p>FEE – Unit 3 (section 3.1)</p> <p>FEE – Unit 4 (section 4.3)</p> <p>FEE – Unit 4 (section 4.4)</p> <p>FEE – Unit 4 (section 4.5)</p> <p>FEE – Culminating Assignment</p>	<p>Fully Addressed</p>	<p>Partially Demonstrated (Issues Investigation/2.4.3)</p> <p>Partially Demonstrated (Wilke vs. Kwong/2.5.4)</p> <p>Fully Demonstrated (MI Internet Search/3.1.1, Standards & Community Resources/3.1.2 and Local EE Resources/3.1.3-<i>Credit Participants Only</i>)</p> <p>Partially Demonstrated (Short Stories/4.3.4 and Activity Review/4.3.5)</p> <p>Partially Demonstrated (Resource Reviews/4.4.6)</p> <p>Partially Demonstrated (Issue Analysis/4.5.7-<i>Credit Participants Only</i>)</p> <p>Fully Demonstrated (Culminating Assignment/Option1:Lesson Plan)</p>

3.2c - A certified environmental educator will implement one of the instructional strategies she or he identified and explained.	FEE – Unit 4 (section 4.3) FEE – Culminating Assignment	Fully Addressed	Fully Demonstrated (Short Stories/4.3.4) Fully Demonstrated (Culminating Assignment/Option1:Lesson Plan)
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Theme 3: Professional Responsibilities of the Environmental Educator
Competency 3.3: Ongoing Learning and Professional Development

Competency	Where is it addressed in FEE?	How extensively is it addressed in FEE? (Fully Addressed, Partially Addressed, Minimally Addressed or Not Addressed)	What assignments will ask me to demonstrate this competency? (Fully Demonstrated, Partially Demonstrated, Minimally Demonstrated or Not Demonstrated)
3.3a - A certified environmental educator will identify his or her own past and present professional development activities,	FEE – Course Introduction	Fully Addressed	Fully Demonstrated (Core Competencies Self-Assessment/Initiating activity)
3.3b - A certified environmental educator will conduct a self-assessment of the degree to which he or she currently meets the core	FEE – Course Introduction FEE – Unit 2 (section 2.3)	Fully Addressed	Fully Demonstrated (Core Competencies Self-Assessment/Initiating activity) Fully Demonstrated (Knowledge Self-Assessment/2.3.2)

competencies,			
3.3c - A certified environmental educator will create a plan for his or her future professional development identifying specific gap(s) in his or her knowledge and skills	FEE – Unit 2 (section 2.3) FEE – Culminating Assignment	Fully Addressed	Partially Demonstrated (Knowledge Self-Assessment /2.3.2- <i>Credit Participants Only</i>) Fully Demonstrated (Culminating Assignment/Option2: Professional Development Action Plan)
3.3d - A certified environmental educator will create a plan for his or her future professional development identifying three different methods to achieve improvement (e.g. membership in professional associations, professional journals, mentoring, conferences, field experiences, etc.)	FEE – Culminating Assignment	Fully Addressed	Fully Demonstrated (Culminating Assignment/Option2: Professional Development Action Plan)

Theme 4: Planning and Implementing EE
Competency 4.1: Knowledge of learners

Competency	Where is it addressed in FEE?	How extensively is it addressed in FEE? (Fully Addressed, Partially Addressed, Minimally Addressed or Not Addressed)	What assignments will ask me to demonstrate this competency? (Fully Demonstrated, Partially Demonstrated, Minimally Demonstrated or Not Demonstrated)
<p>4.1 - A certified environmental educator will demonstrate and/or document appropriate instructional approaches that meet the needs of diverse learners, taking into account differences in:</p> <p>(a) Cultural and socioeconomic backgrounds; (b) Age and grade level; (c) Levels of knowledge and experience; (d) Special needs; and</p>	<p>FEE – Unit 2 (section 2.4)</p> <p>FEE – Unit 2 (section 2.5)</p> <p>FEE – Unit 3 (section 3.1)</p> <p>FEE – Unit 4 (section 4.1)</p> <p>FEE – Unit 4 (section 4.3)</p>	<p>Fully Addressed</p>	<p>Partially Demonstrated (Issues Investigation/2.4.3)</p> <p>Partially Demonstrated (Wilke vs. Kwong/2.5.4)</p> <p>Minimally Demonstrated (MI Internet Search/3.1.1 and Standards & Community Resources/3.1.2)</p> <p>Partially Demonstrated (Lesson Planning/4.1.1, Identifying EE Learner Guidelines/4.1.2) and Lesson Vignettes/4.1.3-<i>Credit Participants Only</i>)</p> <p>Partially Demonstrated (Short Stories/4.3.4 and Activity Review/4.3.5)</p>

<p>(e) Developmental abilities.</p>	<p>FEE – Unit 4 (section 4.4)</p> <p>FEE – Unit 4 (section 4.5)</p> <p>FEE – Unit 5 (section 5.2)</p> <p>FEE – Unit 5 (section 5.3)</p> <p>FEE – Unit 5 (section 5.4)</p> <p>FEE – Culminating Assignments</p>		<p>Partially Demonstrated (Resource Review/4.4.6)</p> <p>Partially Demonstrated (Issue Analysis/4.5.7-<i>Credit Participants Only</i>)</p> <p>Partially Demonstrated (Measurable Objectives/5.2.2)</p> <p>Partially Demonstrated (Assessment Alternatives/5.3.3)</p> <p>Partially Demonstrated (Evaluating Nonformal Programs/5.4.5)</p> <p>Fully Demonstrated (Culminating Assignments/Options 1:Lesson Plan)</p>
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Theme 4: Planning and Implementing EE
Competency 4.2: Knowledge of Instructional Methodologies

Competency	Where is it addressed in FEE?	How extensively is it addressed in FEE? (Fully Addressed, Partially Addressed, Minimally Addressed or Not Addressed)	What assignments will ask me to demonstrate this competency? (Fully Demonstrated, Partially Demonstrated, Minimally Demonstrated or Not Demonstrated)
<p>4.2 - A certified environmental educator will demonstrate three distinct instructional methods that are particularly suited to environmental education. (See list on page 14 of <i>Guidelines for Initial Preparation of Environmental Educators</i>)</p>	<p>FEE – Unit 2 (section 2.4)</p> <p>FEE – Unit 4 (section 4.3)</p> <p>FEE – Unit 4 (section 4.5)</p> <p>FEE – Unit 6 (section 6.1)</p> <p>FEE – Unit 6 (section 6.3)</p> <p>FEE – Culminating Assignment</p>	<p>Fully Addressed</p>	<p>Partially Demonstrated (Issues Investigation/2.4.3)</p> <p>Fully Demonstrated (Short Stories/4.3.4 and Activity Review/4.3.5)</p> <p>Partially Demonstrated (Issue Analysis/4.5.7-<i>Credit Participants Only</i>)</p> <p>Partially Demonstrated (How Do You Imbue Excitement?/6.1.1 and Peek at Packaging/6.1.2)</p> <p>Partially Demonstrated (Teachable Moments/6.3.4)</p> <p>Fully Demonstrated (Culminating Assignment/Option1:Lesson Plan)</p>

Theme 4: Planning and Implementing EE
Competency 4.3: Planning for instruction

Competency	Where is it addressed in FEE?	How extensively is it addressed in FEE? (Fully Addressed, Partially Addressed, Minimally Addressed or Not Addressed)	What assignments will ask me to demonstrate this competency? (Fully Demonstrated, Partially Demonstrated, Minimally Demonstrated or Not Demonstrated)
<p>4.3 - A certified environmental educator will articulate the scope of what constitutes environmental knowledge and skills as well as the sequence in which they should be learned, by aligning one program’s content to the <i>Guidelines for Learning (K-12)</i>. (Note: For adult programs refer to “Theme1: Environmental Literacy” of the <i>Guidelines for Initial Preparation of Environmental Educators</i>,</p>	<p>FEE – Unit 3 (section 3.1)</p> <p>FEE – Unit 4 (section 4.1)</p> <p>FEE – Unit 4 (section 4.3)</p> <p>FEE – Culminating Assignment</p>	<p>Fully Addressed</p>	<p>Partially Demonstrated (Standards & Community Resources/3.1.2)</p> <p>Partially Demonstrated (Lesson Planning/4.1.1, Identifying EE Learner Guidelines/4.1.2 and Lesson Vignettes/4.1.3-<i>Credit Participants Only</i>)</p> <p>Partially Demonstrated (Activity Review/4.3.5)</p> <p>Fully Demonstrated (Culminating Assignment/Option1:Lesson Plan)</p>

as a framework.)			
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Theme 4: Planning and Implementing EE

Competency 4.4: Knowledge of Environmental Education Materials and Resources

Competency	Where is it addressed in FEE?	How extensively is it addressed in FEE? (Fully Addressed, Partially Addressed, Minimally Addressed or Not Addressed)	What assignments will ask me to demonstrate this competency? (Fully Demonstrated, Partially Demonstrated, Minimally Demonstrated or Not Demonstrated)
4.4a - A certified environmental educator will be able to list and critically evaluate two types of EE materials obtainable from community and corporate organizations, agencies, professional development training programs, and/or the Internet. (Note: Evaluations should be based on <i>Environmental Education Materials: Guidelines for</i>	FEE – Unit 4 (section 4.1) FEE – Unit 4 (section 4.3) FEE – Unit 4 (section 4.4) FEE – Unit 5 (section 5.4) FEE – Culminating Assignments	Fully Addressed	Partially Demonstrated (Identifying EE Learner Guidelines/4.1.2 and Lesson Vignettes/4.1.3- <i>Credit Participants Only</i>) Partially Demonstrated (Activity Review/4.3.5) Fully Demonstrated (Resource Reviews/4.4.6) Partially Demonstrated (Evaluating Nonformal Programs/5.4.5) Partially Demonstrated (Culminating Assignments/Options 1: Lesson Plan)

Excellence.)			
4.4b - A certified environmental educator will be able to critically evaluate one state or local EE program. (Note: Evaluations should be based on <i>Nonformal Environmental Education Programs: Guidelines for Excellence.</i>)	<p>FEE - Unit 5 (section 5.1)</p> <p>FEE – Unit 5 (section 5.3)</p> <p>FEE – Unit 5 (section 5.4)</p> <p>FEE – Culminating Assignments</p>	Partially Addressed	<p>Partially Demonstrated (Reflect on Assessment & Evaluation/5.1.1)</p> <p>Minimally Demonstrated (Assessment Alternatives/5.3.3)</p> <p>Partially Demonstrated (Assessment Interviews/5.4.6-<i>Credit Participants Only</i>)</p> <p>Partially Demonstrated (Culminating Assignments/Options 1: Lesson Plan; and 3: EE in Your State)</p>

Theme 4: Planning and Implementing EE
Competency 4.5: Technologies That Assess Learning

Competency	Where is it addressed in FEE?	How extensively is it addressed in FEE? (Fully Addressed, Partially Addressed, Minimally Addressed or Not Addressed)	What assignments will ask me to demonstrate this competency? (Fully Demonstrated, Partially Demonstrated, Minimally Demonstrated or Not Demonstrated)
4.5 - A certified environmental educator will describe three types of instructional tools or technologies and give examples of their safe, effective, appropriate use in instructional settings.	FEE – Unit 4 (section 4.3) FEE – Culminating Assignment	Partially Addressed	Partially Demonstrated (Short Stories/4.3.4 & Activity Review/4.3.5) Partially Demonstrated (Culminating Assignment/Option 1: Lesson Plan)

Theme 4: Planning and Implementing EE
Competency 4.6: Settings for Instruction

Competency	Where is it addressed in FEE?	How extensively is it addressed in FEE? (Fully Addressed, Partially Addressed, Minimally Addressed or Not Addressed)	What assignments will ask me to demonstrate this competency? (Fully Demonstrated, Partially Demonstrated, Minimally Demonstrated or Not Demonstrated)
4.6a - A certified environmental educator will analyze one of his or her	FEE – Unit 3 (section 3.1)	Partially Addressed	Partially Demonstrated (Standards & Community Resources/3.1.2 & Local EE)

teaching environments citing three ways to address potential safety issues and three ways in which the teaching environment is appropriate for the subject matter he or she is teaching.	FEE – Unit 5 (section 5.1) FEE – Culminating Assignment		Resources/3.1.3-Credit Participants Only) Minimally Demonstrated (Reflect on Assessment and Evaluation/5.1.1) Partially Demonstrated (Culminating Assignment/Option1:Lesson Plan)
4.6b - A certified environmental educator will describe three field experiences in which he or she has been able to link content to the learners' immediate environment.	FEE – Unit 4 (section 4.3) FEE – Unit 6 (section 6.1) FEE – Unit 6 (section 6.3) FEE – Culminating Assignment	Fully Addressed	Partially Demonstrated (Short Stories/4.3.4) Partially Demonstrated (How Do You Imbue Excitement?/6.1.1, Peek at Packaging/6.1.2) Partially Demonstrated (Teachable Moments/6.3.4) Partially Demonstrated (Culminating Assignment/Option1:Lesson Plan)

Theme 4: Planning and Implementing EE
Competency 4.7: Curriculum Planning

Competency	Where is it addressed in FEE?	How extensively is it addressed in FEE? (Fully Addressed, Partially Addressed, Minimally Addressed or Not Addressed)	What assignments will ask me to demonstrate this competency? (Fully Demonstrated, Partially Demonstrated, Minimally Demonstrated or Not Demonstrated)
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<p>4.7a - A certified environmental educator will give two examples of how he or she has successfully integrated environmental education into curricula, programs or an organization's mission.</p>	<p>FEE – Unit 1 (section 1.3)</p> <p>FEE – Unit 3 (section 3.1)</p> <p>FEE – Unit 3 (section 3.2)</p> <p>FEE – Unit 3 (section 3.3)</p> <p>FEE – Unit 4 (section 4.1)</p> <p>FEE – Unit 4 (section 4.3)</p> <p>FEE – Unit 5 (section 5.1)</p> <p>FEE – Unit 6 (section 6.1)</p> <p>FEE – Culminating Assignment</p>	<p>Fully Addressed</p>	<p>Partially Demonstrated (Principles of EE/1.3.4-<i>Credit Participants Only</i>)</p> <p>Partially Demonstrated (Standards & Community Resources/3.1.2 and Local EE Resources/3.1.3-<i>Credit Participants Only</i>)</p> <p>Minimally Demonstrated (Two Hats Revisited/3.2.4)</p> <p>Partially Demonstrated (Top Ten List/3.3.5)</p> <p>Partially Demonstrated (Lesson Planning/4.1.1 and Identifying EE Learner Guidelines/4.1.2)</p> <p>Partially Demonstrated (Short Stories/4.3.4)</p> <p>Partially Demonstrated (Reflect on Assessment & Evaluation/5.1.1)</p> <p>Partially Demonstrated (How Do You Imbue Excitement?/6.1.1)</p> <p>Fully Demonstrated (Culminating Assignment/Option1:Lesson Plan)</p>
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<p>4.7b – A certified environmental educator from the nonformal community will be able to demonstrate strategies for supporting and enhancing teachers’ efforts in environmental education at the P-12 level.</p>	<p>FEE – Unit 2 (section 2.4)</p> <p>FEE – Unit 3 (section 3.1)</p> <p>FEE – Unit 6 (section 6.1)</p> <p>FEE – Culminating Assignment</p>	<p>Fully Addressed</p>	<p>Minimally Demonstrated (Issues Investigation/2.4.3)</p> <p>Partially Demonstrated (Standards & Community Resources/3.1.2 and Local EE Resources/3.1.3- <i>Credit Participants Only</i>)</p> <p>Partially Demonstrated (Endangered Species Gallery Walk/6.3.5- <i>Credit Participants Only</i>)</p> <p>Partially Demonstrated (Culminating Assignment/Option 1: Lesson Plan)</p>
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Theme 5: Fostering Learning

Competency 5.1: A Climate for Learning about and Exploring the Environment

<p>Competency</p>	<p>Where is it addressed in FEE?</p>	<p>How extensively is it addressed in FEE? (Fully Addressed, Partially Addressed, Minimally Addressed or Not Addressed)</p>	<p>What assignments will ask me to demonstrate this competency? (Fully Demonstrated, Partially Demonstrated, Minimally Demonstrated or Not Demonstrated)</p>

5.1 – A certified environmental educator will demonstrate that he or she successfully stimulated learners’ interest in the environment.	FEE – Unit 4 (section 4.3)	Fully Addressed	Partially Demonstrated (Short Stories/4.3.4)
	FEE – Unit 6 (section 6.1)		Partially Demonstrated (How Do You Imbue Excitement?/6.1.1, Peek at Packaging/6.1.2)
	FEE – Unit 6 (section 6.4)		Partially Demonstrated (Teachable Moments/6.3.4)

Theme 5: Fostering Learning

Competency 5.2: An Inclusive and Collaborative Learning Environment

Competency	Where is it addressed in FEE?	How extensively is it addressed in FEE? (Fully Addressed, Partially Addressed, Minimally Addressed or Not Addressed)	What assignments will ask me to demonstrate this competency? (Fully Demonstrated, Partially Demonstrated, Minimally Demonstrated or Not Demonstrated)
5.2a - A certified environmental educator will demonstrate that he or she successfully engaged children/adults in their own learning and provided first-hand, inquiry-based, developmentally appropriate	FEE – Unit 2 (section 2.4) FEE – Unit 3 (section 3.1)	Fully Addressed	Fully Demonstrated (Issues Investigation/2.4.3) Partially Demonstrated (Standards & Community Resources/3.1.2 and Local EE Resources/3.1.3- <i>Credit Participants Only</i>)

<p>experiences, indicating ways in which they collaborated.</p>	<p>FEE – Unit 4 (section 4.1)</p> <p>FEE – Unit 4 (section 4.3)</p> <p>FEE – Unit 6 (section 6.1)</p> <p>FEE – Unit 6 (section 6.3)</p> <p>FEE – Culminating Assignment</p>		<p>Minimally Demonstrated (Identifying EE Learner Guidelines/4.1.2 and Lesson Vignettes/4.1.3-<i>Credit Participants Only</i>)</p> <p>Fully Demonstrated (Short Stories/4.3.4)</p> <p>Partially Demonstrated (How Do You Imbue Excitement?/6.1.1, Peek at Packaging/6.1.2 and Local Issues/6.1.3)</p> <p>Minimally Demonstrated (Teachable Moments/6.3.4)</p> <p>Partially Demonstrated (Culminating Assignment/Option1:Lesson Plan)</p>
<p>5.2b - A certified environmental educator will demonstrate that his or her lesson/presentation was relevant and interdisciplinary.</p>	<p>FEE – Unit 3 (section 3.1)</p> <p>FEE – Unit 4 (section 4.1)</p> <p>FEE – Unit 4 (section 4.1)</p> <p>FEE – Unit 4 (section 4.3)</p>	<p>Fully Addressed</p>	<p>Partially Demonstrated (Standards & Community Resources/3.1.2)</p> <p>Minimally Demonstrated (Lesson Planning/4.1.1)</p> <p>Partially Demonstrated (Identifying EE Learner Guidelines/4.1.2 Lesson Vignettes/4.1.3-<i>Credit Participants Only</i>)</p> <p>Partially Demonstrated (Activity Review/4.3.5)</p>

	FEE – Unit 6 (section 6.1)		Partially Demonstrated (How Do You Imbue Excitement?/6.1.1, Peek at Packaging/6.1.2 and Local Issues/6.1.3)
	FEE – Unit 6 (section 6.3)		Partially Demonstrated (Teachable Moments/6.3.4 and Endangered Species Gallery Walk/6.3.5- <i>Credit Participants Only</i>)
	FEE – Culminating Assignment		Fully Demonstrated (Culminating Assignment/Option 1:Lesson Plan)
5.2c - A certified environmental educator will cite two instances where he or she used the diverse backgrounds and perspectives of learners not just as context but also as an instructional resource.	FEE – Unit 3 (section 3.2)	Minimally Addressed	Minimally Demonstrated (Two Hats Revisited/3.2.4)
	FEE – Unit 6 (section 6.2)		Not Demonstrated (Text Only/6.2)
	FEE – Unit 6 (section 6.3)		Minimally Demonstrated (Teachable Moments/6.3.4)

Theme 5: Fostering Learning
Competency 5.3: Flexible and Responsive Instruction

Competency	Where is it addressed in FEE?	How extensively is it addressed in FEE? (Fully Addressed, Partially Addressed, Minimally Addressed or Not Addressed)	What assignments will ask me to demonstrate this competency? (Fully Demonstrated, Partially Demonstrated, Minimally Demonstrated or Not Demonstrated)
5.3 - A certified environmental educator will demonstrate that he or she is able to take advantage of “teachable moments” by being flexible and open to student questions and ideas.	FEE – Unit 6 (section 6.3)	Fully Addressed	Fully Demonstrated (Teachable Moments/6.3.4)

Theme 6: Assessment and Evaluation
Competency 6.1: Learner Outcomes

Competency	Where is it addressed in FEE?	How extensively is it addressed in FEE? (Fully Addressed, Partially Addressed, Minimally Addressed or Not Addressed)	What assignments will ask me to demonstrate this competency? (Fully Demonstrated, Partially Demonstrated, Minimally Demonstrated or Not Demonstrated)
6.1 - A certified environmental educator will demonstrate the use of two assessment tools designed to measure cognitive, affective and/or psychomotor outcomes that align with instructional objectives. (NOTE: Instructional objectives should be drawn from state standards and/or EE goals and objectives.)	FEE – Unit 5 (section 5.3) FEE – Unit 5 (section 5.4) FEE – Culminating Assignment	Fully Addressed	Partially Demonstrated (Assessment Alternatives/5.3.3) Partially Demonstrated (Assessment Interviews/5.4.6- <i>Credit Participants Only</i>) Fully Demonstrated (Culminating Assignment/Option 1: Lesson Plan)

Theme 6: Assessment and Evaluation
Competency 6.2: Assessment that is Part of Instruction

Competency	Where is it addressed in FEE?	How extensively is it addressed in FEE? (Fully Addressed, Partially Addressed, Minimally Addressed or Not Addressed)	What assignments will ask me to demonstrate this competency? (Fully Demonstrated, Partially Demonstrated, Minimally Demonstrated, or Not Demonstrated)

			Demonstrated or Not Demonstrated)
6.2a - A certified environmental educator will demonstrate the implementation of one strategy to engage learners in setting their own expectations for learning and evaluating their performances.	NA	Not Addressed	NA
6.2b – A certified environmental educator will demonstrate how one assessment strategy was used to shape instructional planning and/or delivery.	FEE – Unit 5 (section 5.1) FEE – Unit 5 (section 5.3) FEE – Unit 5 (section 5.4) FEE – Culminating Assignment	Fully Addressed	Minimally Demonstrated (Reflect on Assessment & Evaluation/5.1.1) Partially Demonstrated (Assessment Alternatives/5.3.3) Partially Demonstrated (Assessment Interviews/5.4.6- <i>Credit Participants Only</i>) Partially Demonstrated (Evaluating Nonformal Programs/5.4.5) Partially Demonstrated (Culminating Assignment/Option 1:Lesson Plan)

Theme 6: Assessment and Evaluation
Competency 6.3: Improving Instruction

Competency	Where is it addressed in	How extensively is it	What assignments will ask
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	FEE?	addressed in FEE? (Fully Addressed, Partially Addressed, Minimally Addressed or Not Addressed)	me to demonstrate this competency? (Fully Demonstrated, Partially Demonstrated, Minimally Demonstrated or Not Demonstrated)
6.3 – A certified environmental educator will demonstrate one example of how assessment and/or evaluation data were used to improve instruction.	FEE – Unit 5 (section 5.1)	Fully Addressed	Minimally Demonstrated (Reflect on Assessment & Evaluation/5.1.1)
	FEE – Unit 5 (section 5.3)		Partially Demonstrated (Assessment Alternatives/5.3.3)
	FEE – Unit 5 (section 5.4)		Not Demonstrated (Text Only/5.4)
	FEE – Unit 5 (section 5.4)		Partially Demonstrated (Evaluating Nonformal Programs/5.4.5 and Assessment Interviews/5.4.6- <i>Credit Participants Only</i>)
	FEE – Culminating Assignment		Partially Demonstrated (Culminating Assignment/Option 1: Lesson Plan)

Theme 6: Assessment and Evaluation
Competency 6.4: Evaluating Programs

Competency	Where is it addressed in FEE?	How extensively is it addressed in FEE? (Fully Addressed, Partially Addressed, Minimally Addressed or Not Addressed)	What assignments will ask me to demonstrate this competency? (Fully Demonstrated, Partially Demonstrated, Minimally Demonstrated or Not Demonstrated)

			Demonstrated, Minimally Demonstrated or Not Demonstrated)
6.4a - A certified environmental educator will describe one way he or she used evaluation to design or develop an environmental education program.	FEE – Unit 5 (section 5.1) FEE – Unit 5 (section 5.4)	Partially Addressed	Minimally Demonstrated (Reflect on Assessment & Evaluation/5.1.1) Partially Demonstrated (Evaluating Nonformal Programs/5.4.5 and Assessment Interviews/5.4.6- <i>Credit Participants Only</i>)
6.4b - A certified environmental educator will describe one way he or she used evaluation during program implementation to improve an environmental education program.	FEE – Unit 5 (section 5.1) FEE – Unit 5 (section 5.4)	Partially Addressed	Partially Demonstrated (Reflect on Assessment & Evaluation/5.1.1) Partially Demonstrated (Evaluating Nonformal Programs/5.4.5 and Assessment Interviews/5.4.6- <i>Credit Participants Only</i>)
6.4c - A certified environmental educator will describe one way he or she used evaluation to determine the impact of an environmental education program.	FEE – Unit 5 (section 5.1) FEE – Unit 5 (section 5.4)	Partially Addressed	Partially Demonstrated (Reflect on Assessment & Evaluation/5.1.1) Partially Demonstrated (Evaluating Nonformal Programs/5.4.5 and Assessment Interviews/5.4.6- <i>Credit Participants Only</i>)

6.4d– A certified educator will display three data collection tools and the analysis he or she used to evaluate an EE program.	NA	Not Addressed	NA
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