

## Core Curriculum Map: Core Knowledge Areas

Core Knowledge Area Learning Outcomes	7. Ecological Processes & Systems				8. Social Processes & Systems					9. Planning & Management					10. Sustainability					
Learning Objectives	A. Principles of Ecology	B. Natural History	C. Aquatic & Terrestrial ecosystems	D. Spatial and temporal scales	A. Culture	B. Economics	C. Governance & Policy	D. Social Justice	E. Environmental History	A. Integrated Planning	B. Natural resource utilization	C. Recreation	D. Conservation	E. Adaptive management	A. Systems thinking	B. Ecological design	C. Ecological economics	D. Equity	E. Social-ecological systems	
NR1+2: Natural History and Human Ecology	◐	●	◐	◐	◐	◐			●	◐	◐	◐	◐		◐	◐	◐		◐	Year 1
NR9: Vermont: Natural and Cultural History	◐	●	◐	◐	◐				●		◐	◐			◐			◐	◐	
NR 6 - Race and Culture in Natural Resources					◐			◐							◐			◐		
NR 103 - Ecology, Ecosystems, and the	●		◐	◐		◐		◐	◐		◐				◐					Year 2-3
NR 104 - Social Processes and the Environment					◐	◐	◐	◐									◐		◐	
NR 205 - Integrating Science, Society, and Policy									●	●	◐	◐	◐		◐		●			Year 4
NR 206 - Environmental Problem Solving and Impact				●						●		◐	◐	●	●				●	
NR 207 - Power, Privilege, and the Environment					●			●										●		
<b>Core Knowledge Area Learning Outcome Statements</b>	Students will be able to identify and describe basic ecological processes and systems.				Students will be able to identify, interpret, and analyze cultural, economic, historical, and political dynamics of environmental issues.					Students will be able to describe effective strategies in ecological planning, management, stewardship, and conservation of natural resources.					Students will be able to discuss social, economic, and ecological principles of sustainability.					

Modified 8.21.17

### Levels of Instruction

- 1 ◐ Exposure
- 2 ◑ Emphasis
- 3 ● Capstone

### Level of Learning

- Exposure
- Building Capacity
- Literacy