

Puzzling Over Energy Issues



**Energy Revealed
Assessment Rubric
Grade Level: 4-7**

Knowledge & Understanding	Level 4	Level 3	Level 2	Level 1
Identify the purpose and audience for a variety of media texts	Demonstrates a thorough understanding by providing a comprehensive purpose and variety of audience examples	Demonstrates a considerable understanding by providing detailed purpose and audience examples	Demonstrates some understanding by providing simple purpose and audience examples	Demonstrates limited understanding by providing a brief purpose and audience example
Thinking	Level 4	Level 3	Level 2	Level 1
Use the skills of scientific inquiry to investigate needs and problems related to protecting the environment and conserving energy and resources	Complex thinking skills: can investigate the needs and problems related to protecting the environment and conserving energy and resources to a high degree of complexity	Detailed thinking skills: can investigate the needs and problems related to protecting the environment and conserving energy and resources effectively	Some thinking skills: can investigate the needs and problems related to protecting the environment and conserving energy and resources to a limited extent	Limited thinking skills: cannot effectively investigate the needs and problems related to protecting the environment and conserving energy and resources
Communicate orally in a clear, coherent manner, presenting ideas, opinions and information in a readily understandable form	High degree of effectiveness; communicates with a wide variety of supporting details	Considerable effectiveness; communicates with a variety of supporting details and ideas	Some effectiveness; communicates with a few supporting details and new ideas	Limited effectiveness; communicates in a simple and fairly understandable form
Application	Level 4	Level 3	Level 2	Level 1
Analyze human use of energy and natural resources and the impact of this use on society and the environment	Demonstrates a high degree of application skills by extensive analysis	Demonstrates effective use of application skills by a complete analysis	Demonstrates limited effective use of application skills by partial analysis	Demonstrates limited effective use of application skills by unfinished analysis