

Back to the Future

Energy Revealed
Assessment Rubric
Grade Level: 4-7



Knowledge & Understanding	Level 4	Level 3	Level 2	Level 1
Describe ways in which human activities and technologies alter balances and interactions in the environment	Demonstrates thorough understanding of content	Demonstrates considerable understanding of content	Demonstrates some understanding of content	Demonstrates limited understanding of content
Thinking & Investigation	Level 4	Level 3	Level 2	Level 1
Evaluate the importance for individuals, society, the economy, and the environment of factors that should be considered in designing and building structures and devices to meet specific needs	Uses critical/creative thinking processes, skills, and strategies with a high degree of effectiveness	Uses critical/creative thinking processes, skills, and strategies with considerable effectiveness	Uses critical/creative thinking processes, skills, and strategies with some effectiveness	Uses critical/creative thinking processes, skills, and strategies with limited effectiveness
Application	Level 4	Level 3	Level 2	Level 1
Make connections within and between various contexts (e.g., past, present, and future; environmental; social; cultural)	Makes connections within and between various contexts with a high degree of effectiveness	Makes connections within and between various contexts with considerable effectiveness	Makes connections within and between various contexts with some effectiveness	Makes connections within and between various contexts with limited effectiveness