

School-to-Career

Effective Workers Can Productively Use

Resources: allocating time, money, materials, space, and staff

Interpersonal Skills: working on teams, teaching others, serving customers, leading, negotiating, and working well with people from culturally diverse backgrounds.

Information: acquiring and evaluating data, organizing and maintaining files, interpreting and communicating and using computers to process information

Systems: understanding social, organizational, and technological systems, monitoring and correcting performance, and designing or improving systems

Technology: selecting equipment and tools, applying technology to specific tasks, and maintaining and troubleshooting technologies

Competence Requires

Basic Skills: reading, writing, arithmetic and mathematics, speaking and listening

Thinking Skills: thinking creatively, making decisions, solving problems, seeing things in the mind's eye, knowing how to learn, and reasoning

Personal Qualities: individual responsibility, self-esteem, sociability, self-management, and integrity

Activity	Resources	Interpersonal	Information	Systems	Technology	Basic Skills	Thinking Skills	Personal Qualities
Advertising Energy At Watt Rate?	X			X		X	X	
Careers in Energy	X	X	X	X		X	X	X
Circuit Circus					X	X	X	
Classroom Energy			X	X				
Community Energy		X	X					X
Cost of Using Energy	X		X	X	X	X	X	
Dealing Nuclear Waste		X	X	X	X		X	X
Digging for Coal	X			X	X		X	
Dirty Half Dozen			X	X	X	X	X	
Diminishing Returns	X	X		X		X		

School-to-Career (Continued)

Activity	Resources	Interpersonal	Information	Systems	Technology	Basic Skills	Thinking Skills	Personal Qualities
Don't Throw Energy	X		X	X	X		X	X
Driving Reasons				X	X	X		
Electric Charades			X	X	X			
Electric Motors				X		X	X	
Energy Action Plan	X	X	X	X	X		X	X
Energy Debate		X	X	X		X	X	X
Energy Divide	X			X	X		X	X
Energy from Food	X					X		
Energy Futures	X	X	X	X			X	X
Energy Investigations	X	X	X	X	X		X	X
Energy Prices	X			X		X		
Energy Story		X	X	X		X		X
Energy Use Ecosystem	X	X	X			X		
Energy Use Then Now	X		X	X		X		X
Evidence of Energy			X	X		X		
Exploring Heat			X			X		
Food Chain Game	X		X	X		X		
Fueling Around	X			X	X	X		
Fuel That Power Plant			X	X	X	X		
Get That Gasoline	X		X	X	X	X	X	
Harnessing Nuclear			X		X		X	
Miracle of Solar Cells	X			X	X	X	X	
People Power			X			X		
Potentially Kinetic			X		X	X		

School-to-Career (Continued)

Activity	Resources	Interpersonal	Information	Systems	Technology	Basic Skills	Thinking Skills	Personal Qualities
Puzzling Biological	X			X		X	X	
Reading Utility Bills	X		X	X		X		
Reading Utility Meters								
Roasted Peanuts								
Shoobox Solar Cooker								
So You Want to Heat								
Station Break								
Sun, Wind, Water								
Taking Temperature								
Viewpoints								
Waterwheels,								
Where Get Energy?								
Why Use Renewable?								