

Pennsylvania Academic Standards for Science and Technology

Natural Gas Fulfillment Package		<b>Pennsylvania Academic Standards for Science and Technology</b>			
Upper Elementary Grades		Science Standards for students by <b>4th grade</b> (ex. 4.A) or <b>7th grade</b> (ex. 7.A)			
State Goals		<b>3.1</b>	<b>3.2</b>	<b>3.4</b>	<b>3.5</b>
Natural Gas <b>Fundamentals</b> and <b>Safety Activity book</b>		Unifying Themes	Inquiry & Design	Physical Science, Chemistry & Physics	Earth Science
	Page				
Balloon Talk	5	4.A; 7.A			4.B; 7.B
Biogas Blow-up	11	4.B	4.A-C; 7.A-C	4.A,B; 7.A	4.B; 7.B
Paper Suckers	13		4.A-C; 7.A-C		
Burning Springs	15				
Take a Trip	21		4.A,B; 7.A,B		
Check Those Dials	25	4.A; 7.A			
Pass the Sack	31		4.C; 7.C		
Life-Styles in the Future	33				4.B; 7.B
Controlling Rate of Consumption	35	4.A; 7.A	4.A-C; 7.A-C		
Deco Decals	37				
<b>Natural Gas Basics CD</b>					
The Search for Natural Gas	CD	4.A; 7.A	4.A-C; 7.A-C		4.B; 7.B
The Natural Gas Store	CD		4.A-C; 7.A-C	4.A; 7.A	4.B; 7.B
Environmental Safety Search	CD				
Meter Reader Relay	CD	4.A; 7.A			
Natural Gas at Work	CD				
Create a Commercial	CD				
Natural Gas Mobile	CD				
Natural Gas Hide 'N Seek	CD				
Makin' Gas	CD		4.A-C; 7.A-C	4.A; 7.A	4.B; 7.B
Mix N Match	CD				

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State Goals		3.1	3.2	3.4	3.5
Natural Gas <b>Fundamentals</b> and <b>Safety Activity book</b>		Unifying Themes	Inquiry & Design	Physical Science, Chemistry & Physics	Earth Science
	Page				
Burn It Blue	CD		4.A-C; 7.A-C	4.A; 7.A	4.B; 7.B
Hi Tech Future	CD				
Natural Gas Haiku	CD				
<b>More Experiments</b>					
What is a Gas? (background)	CD			4.A,B; 7.A	
What is a Gas Like?	CD		4.A-C; 7.A-C	4.A,C; 7.A	
More About Gas	CD		4.A-C; 7.A-C	4.A,C; 7.A	
Does Air Really Push Upward?	CD		4.A-C; 7.A-C	4.A,C; 7.A	
Hot and Cold Air	CD		4.A-C; 7.A-C	4.A,C; 7.A	
Making a Mixture of Solids, Liquids	CD		4.A-C; 7.A-C	4.A,C; 7.A	
Burning Air	CD		4.A-C; 7.A-C	4.A,B; 7.A	
Candle Wax Vaporizes Before it Burns	CD		4.A-C; 7.A-C	4.A,B; 7.A	
How Fast Does a Candle Burn?	CD		4.A-C; 7.A-C	4.A,B; 7.A	
Incomplete Burning	CD		4.A-C; 7.A-C	4.A,B; 7.A	
Making Carbon Dioxide Gas	CD		4.A-C; 7.A-C	4.A,B; 7.A	
Carbon Dioxide in Exhaled Air	CD		4.A-C; 7.A-C	4.A,B; 7.A	
Natural Gas Poster		4.A; 7.A	4.A-C; 7.A-C	4.A,B; 7.A	4.B; 7.B
Natural Gas Safety Poster		4.A; 7.A	4.A; 7.A		4.B; 7.B
Think! Energy Poster		4.A; 7.A			
Natural Gas Energist		4.A; 7.A	4.A-C; 7.A-C	4.A,B; 7.A	4.B; 7.B
Energy Safe and Energy Wise Assessment			4.A; 7.A		

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State Goals		<b>3.6</b>	<b>3.7</b>	<b>3.8</b>	
Natural Gas <b>Fundamentals</b> and <b>Safety Activity book</b>		Technology Education	Technological Devices	Science, Technology & Human Endeavors	
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Check Those Dials	25			4.B; 7.B	
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Deco Decals	37				
<b>Natural Gas Basics CD</b>					
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The Natural Gas Store	CD		4.A; 7.A	4.B; 7.B	
Environmental Safety Search	CD			4.B; 7.B	
Meter Reader Relay	CD			4.B; 7.B	
Natural Gas at Work	CD			4.B; 7.B	
Create a Commercial	CD			4.B; 7.B	
Natural Gas Mobile	CD			4.B; 7.B	
Natural Gas Hide 'N Seek	CD	4.B; 7.B		4.B; 7.B	
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Natural Gas Safety Poster				4.B; 7.B	
Think! Energy Poster					
Natural Gas Energist			4.A,B; 7.A,B	4.B; 7.B	
Energy Safe and Energy Wise Assessment				4.B; 7.B	