

FIGURE 96

Template for Designing Tiered Assignments: Energy Sources

Sample Complexity Trigger Words

Critical Thinking			Creative Thinking			Problem Solving		
<i>Compare/Contrast</i>	<i>Cause/Effect</i>	<i>Assumptions</i>	<i>Generate ideas</i>	<i>Elaborate</i>	<i>Innovate</i>	<i>Analyze patterns</i>	<i>Hypothesize</i>	<i>Verify/Check</i>
<i>Point of view</i>	<i>Analyze arguments</i>	<i>Generalizations</i>	<i>Divergent thinking</i>	<i>Ambiguity</i>	<i>Abstract</i>	<i>Generate alternatives</i>	<i>Monitor</i>	<i>Decide/Plan</i>
<i>Relevance/Irrelevance</i>	<i>Fact/Opinion</i>	<i>Sequence & Prioritize</i>	<i>Open-endedness</i>	<i>Imagination</i>	<i>Metaphorical</i>	<i>Define problem</i>	<i>Summarize</i>	<i>Put into practice</i>

Unit/Theme: Energy Sources

KUDo's: The students will be able to critically examine various sources of energy: fossil fuel, nuclear fission, wind, solar, and tidal energy.

		Advancing Rigor →					
Raising Complexity ↑	Knowledge	Comprehension	Application	Analysis	Evaluation	Synthesis	
		Bloom's verbs: tell, list, define, label, recite, memorize, repeat, find, name, record, fill in, recall, relate	Bloom's verbs: locate, explain, summarize, identify, describe, report, discuss, review, paraphrase, restate, retell, show, outline, rewrite	Bloom's verbs: demonstrate, construct, record, use, diagram, revise, reformat, illustrate, interpret, dramatize, practice, organize, translate, manipulate, convert, adapt, research, calculate, operate, model, order, display, implement, sequence, integrate, incorporate	Bloom's verbs: compare, contrast, classify, critique, solve, deduce, examine, differentiate, appraise, distinguish, experiment, question, investigate, categorize, infer	Bloom's verbs: judge, predict, verify, assess, justify, rate, prioritize, determine, select, decide, value, choose, forecast, estimate	Bloom's verbs: compose, hypothesize, design, formulate, create, invent, develop, refine, produce, transform
	Extended, Advanced Task				Analyze and evaluate the arguments for each energy source focusing on the environmental and financial impacts of each choice. (Analysis also)	Create a multimedia presentation using SMART Board technology.	
	On-Target Task			Compare and contrast the advantages and disadvantages of each energy source.		Present critical facts in a PowerPoint presentation.	
Adapted, Modified Task			Examine critical facts about each energy source that should be considered as we determine our future energy needs as a nation.		Share your results on a chart or poster using words, pictures, or symbols. You may use technology in creating your presentation if you wish.		

FIGURE 97

Template for Designing Tiered Assignments: Simple Machines

Sample Complexity Trigger Words

Critical Thinking			Creative Thinking			Problem Solving		
<i>Compare/Contrast</i>	<i>Cause/Effect</i>	<i>Assumptions</i>	<i>Generate ideas</i>	<i>Elaborate</i>	<i>Innovate</i>	<i>Analyze patterns</i>	<i>Hypothesize</i>	<i>Verify/Check</i>
<i>Point of view</i>	<i>Analyze arguments</i>	<i>Generalizations</i>	<i>Divergent thinking</i>	<i>Ambiguity</i>	<i>Abstract</i>	<i>Generate alternatives</i>	<i>Monitor</i>	<i>Decide/Plan</i>
<i>Relevance/Irrelevance</i>	<i>Fact/Opinion</i>	<i>Sequence & Prioritize</i>	<i>Open-endedness</i>	<i>Imagination</i>	<i>Metaphorical</i>	<i>Define problem</i>	<i>Summarize</i>	<i>Put into practice</i>

Unit/Theme: Simple Machines

KUDo's: Students will understand the importance of simple machines in daily life.

Advancing Rigor →

	Knowledge	Comprehension	Application	Analysis	Evaluation	Synthesis
	Bloom's verbs: <i>tell, list, define, label, recite, memorize, repeat, find, name, record, fill in, recall, relate</i>	Bloom's verbs: <i>locate, explain, summarize, identify, describe, report, discuss, review, paraphrase, restate, retell, show, outline, rewrite</i>	Bloom's verbs: <i>demonstrate, construct, record, use, diagram, revise, reformat, illustrate, interpret, dramatize, practice, organize, translate, manipulate, convert, adapt, research, calculate, operate, model, order, display, implement, sequence, integrate, incorporate</i>	Bloom's verbs: <i>compare, contrast, classify, critique, solve, deduce, examine, differentiate, appraise, distinguish, experiment, question, investigate, categorize, infer</i>	Bloom's verbs: <i>judge, predict, verify, assess, justify, rate, prioritize, determine, select, decide, value, choose, forecast, estimate</i>	Bloom's verbs: <i>compose, hypothesize, design, formulate, create, invent, develop, refine, produce, transform</i>
Extended, Advanced Task						Identify a design problem in a household or recreational object. Combine at least two simple machines to improve the object to make it more efficient, effective, or fun. Sketch your invention, label the simple machines, and explain the problem the redesign solved.
On-Target Task						Use at least one simple machine to create an invention to make an everyday chore easier or more enjoyable. Sketch your invention and label the simple machines. Describe the invention's use.
Adapted, Modified Task	Given household objects, like an egg beater, identify the simple machines that are used in the object. Sketch the object and label the simple machines.					

Raising Complexity ↑

FIGURE 98

Template for Designing Tiered Assignments: Citizenship

Sample Complexity Trigger Words

Critical Thinking			Creative Thinking			Problem Solving		
<i>Compare/Contrast</i>	<i>Cause/Effect</i>	<i>Assumptions</i>	<i>Generate ideas</i>	<i>Elaborate</i>	<i>Innovate</i>	<i>Analyze patterns</i>	<i>Hypothesize</i>	<i>Verify/Check</i>
<i>Point of view</i>	<i>Analyze arguments</i>	<i>Generalizations</i>	<i>Divergent thinking</i>	<i>Ambiguity</i>	<i>Abstract</i>	<i>Generate alternatives</i>	<i>Monitor</i>	<i>Decide/Plan</i>
<i>Relevance/Irrelevance</i>	<i>Fact/Opinion</i>	<i>Sequence & Prioritize</i>	<i>Open-endedness</i>	<i>Imagination</i>	<i>Metaphorical</i>	<i>Define problem</i>	<i>Summarize</i>	<i>Put into practice</i>

Unit/Theme: Citizenship Within a Community

KUDo's: The students will identify the fundamental rights of citizenship within a community.

Advancing Rigor

	Knowledge	Comprehension	Application	Analysis	Evaluation	Synthesis
	Bloom's verbs: <i>tell, list, define, label, recite, memorize, repeat, find, name, record, fill in, recall, relate</i>	Bloom's verbs: <i>locate, explain, summarize, identify, describe, report, discuss, review, paraphrase, restate, retell, show, outline, rewrite</i>	Bloom's verbs: <i>demonstrate, construct, record, use, diagram, revise, reformat, illustrate, interpret, dramatize, practice, organize, translate, manipulate, convert, adapt, research, calculate, operate, model, order, display, implement, sequence, integrate, incorporate</i>	Bloom's verbs: <i>compare, contrast, classify, critique, solve, deduce, examine, differentiate, appraise, distinguish, experiment, question, investigate, categorize, infer</i>	Bloom's verbs: <i>judge, predict, verify, assess, justify, rate, prioritize, determine, select, decide, value, choose, forecast, estimate</i>	Bloom's verbs: <i>compose, hypothesize, design, formulate, create, invent, develop, refine, produce, transform</i>
Extended, Advanced Task					Determine the lessons that can be learned from our interactions with First Nation's People (Native Americans) that can inform today's struggles for equality and fairness. Create five PowerPoint slides to share your ideas.	
On-Target Task				What are the current struggles for equality and fairness in the United States? Describe a group, its history related to equality and fairness and discuss the group's current concerns. Create five PowerPoint slides to share the information.		
Adapted, Modified Task				What are the concerns related to equality and fairness of a new immigrant group? Create five PowerPoint slides to share the concerns of this immigrant group.		

Raising Complexity