

Text Complexity Analysis Template

Text complexity analysis			
Created by:	Joe Pellecchia	Event/Date:	TeachFest Connecticut: Summer Academy, July 29 2014
Text and Author	Natural Gas: Pros and Cons, RP Siegel	Where to Access Text	http://www.triplepundit.com/2012/04/natural-gas-pros-cons/
Text Description			
This text explains the difference between conventional gas well production and fracking production and lists pros and cons of each method of production. The author wants the reader to decide if the methods are worth the benefit of the environment.			
Quantitative			
Lexile and Grade Level	Flesch-Kincaid Grade Level 11.5	Text Length	649 words
Qualitative			
Meaning/Central Ideas		Text Structure/Organization	
The author looks at either method of production as detrimental to the environment. A not readily apparent idea is that natural gas should be a bridge fuel and our research should be targeting sustainable energy alternatives.		The structure is appropriate for the reading level and ideas are explicit.	
Prior Knowledge Demands		Language Features	
Prior knowledge is not needed for this article. From a technical standpoint, most students have some prior knowledge regarding the use and popularity of natural gas in our heating appliances.		The language is contemporary and figurative. The language is current for the current environmental issues.	
Potential Reader/Task Challenges			
One challenge will be understanding the out of sight, out of mind issues with natural gas production when what they see is a pipe in the building that by opening a valve, natural gas is available. Some comprehensive skills will be challenged with the text.			
Big Takeaway			
Students will be familiar with different gas production methods and the consequences of each one on the economy and environment.			

Vocabulary Analysis Template

	Words that demand less teaching time (i.e. the definition is singular and concrete)	Words that demand more teaching time (i.e. words with multiple meanings and/or that are part of a word family)
Words that can be determined in context	<ul style="list-style-type: none"> • Natural gas • Environment • Renewable • Energy 	<ul style="list-style-type: none"> • Environment • Controversial • Sustainable • Alternatives
Words that cannot be determined in context	<ul style="list-style-type: none"> • Aggressive 	<ul style="list-style-type: none"> • Shale gas • Hydraulic fracturing • Fracking • Infrastructure