

Assignment ... Integrating Engineering with Science and Math through a fairytale.



This assignment combines what you know about Science, Engineering, Mathematics and the fairytale ... **Three little Pigs.**

You need to pick a grade level and take what the framework states as requirements for a Science, Mathematics and Engineering and put it together as a matrix of items to teach.

This is not a lesson plan, but just a foundation of ideas.

Web sites for your use;
http://www.shol.com/aqita/pigs.htm
http://www-math.uni-paderborn.de/~odenbach/pigs/pig2.html

Action	Description			
Complete the matrix below. If you have a better way of showing this assignment, please use it.	In the matrix below, show how you can integrate the story with the Framework. What supplies would you need to engage the students?			
Pick a Grade level	=			
<i>Add as many elements as you need in the table.</i>				
Element of the Story	Engineering	Math	Science	Comments
Example	Designing a house to with stand lots of wind	<ul style="list-style-type: none"> • Drawing • Dimensions • Area; 	Force	How could the pigs build a stronger house?
What supplies would you need to engage the students?				
How would this be exciting to the children?				
Would this be helpful to the teacher?				
End				