

Task Rubric: Model Mine Shaft						Value
	Criteria	Level 1	Level 2	Level 3	Level 4	
Research 20%	The student: - demonstrates the ability to research information relevant to the topic and communicates this through modeling and oral/ visual presentation	Little to no research has been done	Some research has been done, little actual understanding	Research clearly presented. Moderate understanding of research and application to model.	Evident that a high level of research done and student able to communicate this through model and presentation	
Model 40%	The student: - produces an accurate model drawn to scale, and showing a high degree of detail	Poor Model with little to no detail	Good model with no detail not drawn to scale.	Good model with some detail, not drawn to scale.	Great model with accurate scaling and detail	
Creativity 15%	The student: - produces a model that includes a novel, original approach	Little or no evidence of original thought	Student demonstrates minimal originality	Student's work demonstrates originality	Student work demonstrates unique level of originality	
Demonstrated Knowledge 25% (Final Presentation)	The student: - shows an understanding of the concept of mine shaft design - communicates ideas and information clearly using scientific/ technical terminology	Response shows a complete lack of understanding of the model and subject matter	Response shows some understanding and comprehension of their model and ability to answer questions	Student shows mid-to-high level of understanding questions. Some of terms and language are present in presentation	Shows complete understanding of the questions asked. Strong ability to answer with proper use of scientific/technical terms	
					Total:	