

Hazardous Road Project Scoring Guide					
Names:		Teacher:		Period:	
Date of Presentation:		Title of Work:			
Criteria					Points
The student:	4	3	2	1	
Engages in effective research to collect information and answers questions (x 4)	Research skills are advanced. Information collected is relevant, reflects the complexity of the problem, and leads to answers.	Research skills are satisfactory. Information is relevant, captures main elements of the problem, and leads to answers.	Research skills are developing with support. Some relevant information is included and leads to some answers.	Research skills are limited, and gaps or irrelevant information limits understanding.	
Synthesizes research efforts to come to a solution (x 4)	Synthesis leads to a deep understanding, and ties directly to one or more solutions.	Synthesis leads to a broad understanding, and loosely ties to a solution.	Synthesis results in discrete facts, and the solution is derived with support.	Synthesis and solution are limited.	
Describes a logical plan for implementing a solution (x 4)	Plan is logical, shows sufficient detail, and clearly describes cost/benefit.	Plan is reasonable, steps are shown, and cost/benefit is described.	Plan is limited, and steps and cost/benefit are incomplete.	Plan is incomplete.	
Effectively uses physics principles to solve the problem (x 4)	Equations show a mastery of understanding and organization.	Equations show a good understanding and organization.	Equations show developing understanding and organization.	Equations are limited or nonexistent.	
Supports the solution with justification and data (x 4)	Solution is creative and practicable, contrasted with alternative solutions, and justified by research.	Solution is reasonable, contrasted with at least one alternate solution, and justified by research.	Solution is simplistic or partially justified, and an alternate solution is presented.	Solution is limited or unjustified, and no alternate solution is presented.	
Presents research and a solution in an effective manner, and uses supportive media (x 3)	Presentation is highly effective, and media enhances the message.	Presentation is successful, practice is evident, and media supports the message.	Presentation needs additional work, and media relates to the message.	Presentation is incomplete, and media may not support the message.	
Manages materials, completes work on time, and works well with others (x 2)	Organizes time and materials, meets project milestones, supports others, shows leadership, contributes equitably, and takes responsibility for team effort.	Usually organizes materials and time, meets most project milestones, supports others, contributes, and takes responsibility for team effort.	Organizes and manages time and materials with help, and contributes in minor ways to the team effort with encouragement.	Demonstrates difficulty managing materials and/or time, and contributes only a little to the team effort.	
Total:					/100
Teacher Comments:					