

Vertical Snowmobile Challenge Rubric			
Jared Reiman			
Tasks	Stock	Modified	Top Fuel
Planning Trail	drew a simple map of the trail	contacted snowmobile club, city, drew map, but didn't get approved	attended meetings, drew a detailed map, and got approved
Final Trail	cleared just enough brush the width of one snowmobile	made safe standard width snowmobile trail	made standard width trail marked and added to snowmobile maps
Snowmobile Riding Skills	able to keep snowmobile from getting stuck in deep snow	able to climb steep hills and clear 50 foot jumps	able to climb hills clear jumps and perform tricks
Performance Engine Knowledge	refreshed my mind of basic engine performance	learned many more ways to modify an engine	understand concepts of tuning an engine enough to perform my own work
Reliability of Phazer	melts a piston after ten minutes of riding	able to ride for an hour before letting the engine cool down	ride for any length of time in 30° weather without overheating engine
Custom Exhaust Pipe	looks good but makes engine run worse than stock	looks good and engine runs the same	gives improved performance
Pictures/ Video	took pictures of snowmobiles worked on	got pictures of me working on and riding snowmobiles	got pictures and video of me working on and riding snowmobiles
Final Video	unedited video of riding	well edited video from several recordings	added music to my edited film to create a professional looking film
Research	researched on all my topics	multi sources including 1 live source and demonstrates knowledge of research	fully understand topics and able to apply my knowledge to real life situations
Research Paper	5 page paper barely stays on topic and has many grammar problems	5 page paper stays on topic with few grammar problems	well written 10 page paper with few grammar problems
Timelogs	1 weak sentence per hour of work	1 strong sentence per hour of work	3 strong sentences per hour of work
Presentation	25 minutes of boring lecture	met requirements set by team and kept audience engaged	requirements met while keeping audience entertained
Reflection	poor quality paper covering what I liked and didn't like	quality reflection with detailed sentences on what I thought throughout the project and learned	wrote about everything I did and learned with detail and without leaving anything out
Friday Activity	showed students how to check sparkplug and adjust carburetor	taught students general maintenance of a snowmobile	taught students all the general maintenance well enough for them to work on a sled by themselves
Internship with Brian	watched Brian work on snowmobiles	helped Brian work on snowmobiles developing knowledge on tuning snowmobiles	worked on snowmobiles by myself after learning how
Web Design	created a simple boring site with little body	created an interesting site with video, picture, and information	created an interesting site with links and multiple pages of video, pictures, and information