

Alabama Council for Technology in Education

HARDWARE MODIFICATION RUBRIC				TOTAL SCORE:	_____
CRITERIA	MINIMAL	PARTIAL	MASTERY	SCORE	
DOCUMENTATION 1-15 Did student(s) include citations for sources and permissions for non-student produced materials in a notebook?	None of the required documentation present. 1-5	Some or most of required documentation present. 6-10	All required citations and permissions are present. 11-15		
PROJECT COMPLETION 1-15 Did student(s) complete the entire project?	Project is incomplete and does not work at all. 1-5	Project functions but lacks certain features that would help the project be fully functional. Needs more work. 6-10	Device is fully functional and serves a specific purpose or accomplishes an intended goal. 11-15		
CREATIVITY 1-20 Did student(s) use a higher level of creativity throughout the design process and presentation?	Minimal levels of creativity shown in the project design and oral presentation. 1-7	Displays lower level of creativity in the design process and oral presentation. 8-14	Displays high level of creativity throughout design process and oral presentation. Unique, well planned and creative. Device concept is unique and creative. 15-20		
PURPOSE 1-20 Did all parts of the project work together for the intended purpose?	No elements of the design fit the purpose of the project. 1-7	Some elements of the design are or do not fit the intended purpose of the modification(s). Finished device is not aesthetically pleasing. 8-14	Device meets a specific, real-world purpose. Appearance and physical design enhance purpose. Modifications are appropriate to goal of project and aesthetically pleasing. 15-20		
UNDERSTANDING 1-30 Did student(s) demonstrate a solid understanding of the software in development of the project?	Student displayed little to no understanding of the software or the design process. 1-10	Student is unable to answer certain questions about the device, specific modifications, or parts of the design process. 11-20	Presents all edits and can discuss how the included effects enhance the project. Mastery of choice of software. Able to answer questions about the design process. 21-30		
Comments:					

