

Name: _____

Science Project Rubric—Simple Machines

	4-Excellent	3-Good	2-Basic	1-Not Meeting
<u>Final Project</u>	<ul style="list-style-type: none"> - clearly defined the problem that your machine/invention was to overcome and identified the who, what, where and why - displays strong creative thinking through the materials you chose and the way you put them together, - serves a very practical and realistic purpose - unique and "thinking outside the box" - incorporated 5 or 6 simple machines (screw, inclined plane, wedge, lever, pulley, wheel & axle/ roller) into the final device/machine 	<ul style="list-style-type: none"> - clearly defined the problem that your machine/invention was to overcome and identified the who, what, where and why - displays good creativity through the materials you chose and the way you put them together - serves a fairly practical and realistic purpose - incorporated 3 or 4 simple machines into the final device/ machine 	<ul style="list-style-type: none"> - has identified a problem that your machine/invention was to overcome and has identified the who, what, where and why - displays some creativity through the materials you chose and the way you put them together - serves a somewhat practical purpose that may or may not serve a realistic purpose - incorporated 2 simple machines into the final device/ machine 	<ul style="list-style-type: none"> - there is no clear problem - you have not identified the who, what, where and why - displays little or no creativity through the materials you chose and the way you put them together - the device/machine is impractical and serves no realistic purpose - used only 1 simple machine in the final device/invention OR - project is incomplete or no project is handed in
<u>Final Question Sheet</u>	<ul style="list-style-type: none"> - thorough, in-depth and thoughtful explanation of each question that showed an excellent overall understanding - answered in complete sentences - excellent editing and neatness (no spelling, punctuation, capitalization and grammar errors) 	<ul style="list-style-type: none"> - detailed explanation of each question that showed good overall understanding - answered in mostly complete sentences - good editing and neatness (only a few (1-2) errors in spelling, punctuation, capitalization and grammar) 	<ul style="list-style-type: none"> - basic explanation and understanding of the questions that showed a general understanding - answered in some complete sentences - some evidence of editing and neatness (some spelling, punctuation, capitalization and grammar errors) 	<ul style="list-style-type: none"> - little or no explanation of each question—answers are short and lacked detail that shows little to no understanding - answered in point form or no complete sentences - little or no editing and neatness (lots of spelling, punctuation, capitalization and grammar errors) - no question sheet was handed in
<u>Presentation</u>	<ul style="list-style-type: none"> - can explain the making and purpose of your project extremely well - demonstration of your invention was successful and your invention solved the problem you identified at the beginning of the task - excellent body language, volume and pace is evidenced through obvious rehearsal at home - answered all questions well and was able to justify your choices 	<ul style="list-style-type: none"> - can explain the making and use of your project well - demonstration of your project was successful and your invention solved the problem you identified at the beginning of the task OR, - demonstration was not successful but you were able to clearly identify what went wrong, why it did not work and how you could fix the problem - good body language, volume and pace is evidenced through obvious rehearsal at home - answered most questions well and was able to justify most of your choices 	<ul style="list-style-type: none"> - can explain the making and use of your project well - demonstration of your project was successful with only a few minor problems/glitches and your invention solved the problem you identified at the beginning of the task - some attention to body language, volume and pace is evidenced - answered some questions well and was able to justify some of your choices 	<ul style="list-style-type: none"> - can explain the making and use of your project a little bit or not at all - demonstration of your project was unsuccessful and/or your invention did not solve the problem you identified at the beginning of the task - poor body language, volume and pace - able to answer few questions and was unable to justify your choices - no presentation

Final Mark: _____ Comment: _____