

Name: _____

7th grade Learning Project Building A Structure : Castle/Mill/Catapult-Interdisciplinary Due Date: Friday, May 10, 2013

CATEGORY	50	43	38	32
Completion **After 3 days- <u>no credit</u> is given for project.	Turned in on time on the given due date. 50 points.	Turned in one day late. Deduct 10% from overall score.	Turned in 2 days late. Deduct 20% from overall score.	Turned in 3 days late. Deduct 30% from overall score.
Design-Castle/Mill/Catapult Elements	Utilized 15-18 Castle Elements. Easy to recognize and all parts are labeled correctly.	10-14 Castle Elements are utilized. All parts are labeled correctly.	7-9 Castle Elements are utilized. Some parts are labeled correctly.	6 and below Castle Elements are used. Some or little of the Elements are labeled.
Coat of Arms	Coat of Arms is accurate and presented with clear description. Design is done nicely and it is obvious that student has spent quality time on the shield.	Coat of Arms is done creatively and is somewhat appealing to the eyes. It is presented with the minimum requirements.	Shield is done but is missing some components. It is obvious the student did not spend quality time on the project.	Coat of Arms is missing key components and there is no paper presented with the project. Student has made it evident that time was not spent on project.
Schematics-Floor Plan/Structure design	Plan is neat with clear measurements and labeling for all components. Includes floor plan and sketch/picture of how it should look once completed.	Plan is neat with clear measurements and labeling for most components. Includes floor plan and sketch/picture of how it should look once completed.	Plan provides clear measurements and labeling for most components. Missing either the floor plan or sketch/picture of how it should look once completed.	Plan does not show measurements clearly or is otherwise inadequately labeled. Floor plan and sketch/picture of how it should look once completed not included.
Construction -Materials	Appropriate materials were selected and creatively modified in ways that made them even better.	Appropriate materials were selected and there was an attempt at creative modification to make them even better.	Appropriate materials were selected.	Inappropriate materials were selected and contributed to a product that performed poorly.
Castle- Utilizes at least 3 simple machines.	Structure functions extraordinarily well, holding up under atypical stresses. Uses at least 3 simple machines.	Structure functions well, holding up under typical stresses. Uses at least 2 simple machines.	Structure functions pretty well, but deteriorates under typical stresses. Uses at least 1 simple machine.	Fatal flaws in function with complete failure under typical stresses. Does not use a simple machine.
Written Paper. **group individuals will have their own papers. ** If working in a group, you will be required to include extra sheet listing your responsibilities and work you performed on the structure portion of the project, as well as group evaluation of your group members.	Clear and Concise step-by-step instructions are given. Clear list of supplies, tools and resources are given. There are multiple steps and a detailed reflective paragraph was written to conclude paper. At least 3 Sources are accurately given.	Step by step instructions are clear. There are multiple steps and a reflective paragraph was written that reflects some of your discoveries to conclude your paper.	Step by step instructions are present. There are some steps provided but may be out of order or missing. A short reflective paragraph was given but did not give any details.	Step by step instructions are lacking order and content. There are few steps that do not follow the proper order or sequence. No reflective paragraph was written.
Realism/Creativity	Structure looks like it was from medieval times and brought to class. There are signs of castle life. Great detail was spent in perfecting castle.	Colors and landforms are correct. Extra buildings were added. Obviously put in some time making a good product.	Can recognize what the castle was made out of. Did the basic work without stepping beyond.	Basic paint job with no details. Limited features. Put together using parts of a pre-made kit.

