

Student: _____

Project Number: _____

Total: _____

BUILDING INVENTION CONVENTION RUBRIC
Display (18 Points Maximum)

Problem	----- 3 ----- The problem has been defined and it creatively addresses a practical need most people have.	----- 2 ----- The problem has been defined and it addresses a somewhat practical need some people have.	----- 1 ----- The problem does not address a practical need.	----- 0 ----- A problem has not been defined.	Points Awarded
Procedure	----- 3 ----- Procedures are completely and accurately listed and clearly describe how the prototype was made.	----- 2 ----- Procedures are partially listed and/or partially describe how the prototype was made.	----- 1 ----- Procedures do not describe how the prototype was made.	----- 0 ----- Procedure is missing.	Points Awarded
Patent Search (Originality)	----- 3 ----- Patent search shows no evidence of a similar product or service.	----- 2 ----- Patent search shows evidence of similar products or services.	----- 1 ----- Patent search shows evidence of the product or service already existing.	----- 0 ----- Patent search not present.	Points Awarded
Endorsements	----- 3 ----- Two or more endorsements present and given by members of the targeted group.	----- 2 ----- One endorsement present and given by a member of the targeted group.	----- 1 ----- Endorsements present but are not given by members of the targeted group.	----- 0 ----- No endorsements present.	Points Awarded
Conventions	----- 3 ----- Good grammar and spelling are evident. There are not any mistakes.	----- 2 ----- Good grammar and spelling are evident. There are minimal mistakes.	----- 1 ----- Numerous spelling and grammar mistakes are present, but it does not significantly interfere with understanding the project.	----- 0 ----- Numerous spelling and grammar mistakes are present which significantly interferes with understanding the project.	Points Awarded
Artistic Qualities	----- 3 ----- Display is neat, organized, and appealing; more than one picture and a sketch have been added.	----- 2 ----- Display is neat, appealing, and well organized; one picture and a sketch have been added.	----- 1 ----- Display is neat, organized, or appealing but not all three; pictures and/or sketches have not been added.	----- 0 ----- Display was carelessly prepared, sloppy.	Points Awarded

Prototype and Oral Presentation (12 Points Maximum)

Inventiveness/Brainstorming	----- 3 ----- The prototype is a working model and clearly shows how it would solve the problem it was created to solve.	----- 2 ----- The prototype does not work, but clearly shows how it would solve the problem it was created to solve.	----- 1 ----- The invention/prototype does not solve the problem it was intended to solve.	----- 0 ----- Prototype not present.	Points Awarded
Presentation Quality	----- 3 ----- Clear presentation; concisely summarizes the project. Concisely explains the invention, giving the judge a clear understanding of the invention, how the invention works, and how it would be made.	----- 2 ----- Adequately summarizes the project. Presentation is easy to follow. Provides adequate details, giving the judge a general understanding of the invention and how the invention works.	----- 1 ----- Inadequately summarizes the project. Presentation is difficult to follow. Provides few details, leaving the judge unclear about the invention and how the invention works.	----- 0 ----- Information jumbled, irrelevant; presentation unclear.	Points Awarded
Dynamics	----- 3 ----- Speaks fluently with good eye contact; polite, dynamic, and interested in their project.	----- 2 ----- Student was polite and interested in their project. Student had moderate eye contact.	----- 1 ----- Very little eye contact; relied on the note cards or board. Seems slightly interested in the project.	----- 0 ----- No eye contact, read from note cards or board. Did not seem interested.	Points Awarded
Knowledge Gained	----- 3 ----- Exhibits a thorough understanding of topic as demonstrated through presentation and correct responses to questions. Student has acquired scientific skills.	----- 2 ----- Exhibits a basic understanding of topic area as demonstrated through presentation and correct responses to questions. Demonstrates some acquired scientific skills.	----- 1 ----- Is somewhat familiar with topic area but cannot answer all questions effectively. Demonstrates minimal acquired scientific skills.	----- 0 ----- Demonstrates no knowledge gained, nor scientific skills.	Points Awarded

