

Designing a Winner Rubric

Student: _____

Project/Unit: _____

Date: _____

CRITERIA	Emerging (Below Standards)	Proficient (Meets Standards)	Mastery (Exceptional Performance)
Geometric Practices	<ul style="list-style-type: none"> Student demonstrates proficiency below 70% on tests and quizzes throughout the project. Student demonstrates minimum proficiency in use of geometric practices throughout the project. <p>1-----3-----5</p>	<ul style="list-style-type: none"> Student demonstrates proficiency at 80% level in tests and quizzes throughout the project. Student demonstrates proficient use of geometric practices throughout project. <p>6-----8-----12</p>	<ul style="list-style-type: none"> Student demonstrates proficiency at 90% level in tests and quizzes throughout the project. Student demonstrates exceptional mastery of geometric practices throughout the project. <p>13-----14-----15</p>
Mathematical Practices	<ul style="list-style-type: none"> Student does not demonstrate proficiency on elements 3, 6, or 7 of the Mathematical Practices Rubric. <p>1-----3-----5</p>	<ul style="list-style-type: none"> Student demonstrates proficiency on either element 3, 6, or 7 of the Mathematical Practices Rubric. <p>6-----8-----12</p>	<ul style="list-style-type: none"> Student demonstrates proficiency on elements 3, 6, and 7 of the Mathematical Practices Rubric. <p>13-----14-----15</p>
Vocabulary, Terms, and Definitions	<ul style="list-style-type: none"> Student demonstrates proficiency below 70% on tests and quizzes throughout the project. Student demonstrates minimum proficiency in use of vocabulary and definitions throughout the project. <p>1-----3-----5</p>	<ul style="list-style-type: none"> Student demonstrates proficiency at 80% on tests and quizzes throughout the project. Student demonstrates proficient use of vocabulary and definitions throughout the project. <p>6-----8-----12</p>	<ul style="list-style-type: none"> Student demonstrates proficiency at 90% on tests and quizzes throughout the project. Student demonstrates exceptional mastery of vocabulary and definitions throughout the project. <p>13-----14-----15</p>
Teamwork and Collaboration	<ul style="list-style-type: none"> Student does not meet the criteria for an effective team member. Student scores on the Emerging level on the Teamwork Rubric. <p>1-----3-----5</p>	<ul style="list-style-type: none"> Student meets the criteria for an effective team member. Student scores on the Proficient level on the Teamwork Rubric. <p>6-----8-----12</p>	<ul style="list-style-type: none"> Student meets or exceeds the criteria for a highly effective team member. Student scores on the Mastery level on the Teamwork Rubric. <p>13-----14-----15</p>
Presentation and Performance	<ul style="list-style-type: none"> Project does not meet constraints or specifications. Geometric information presented, though not always accurately. Design is unclear or inappropriate. Model or drawings omit key details <p>1-----3-----5</p>	<ul style="list-style-type: none"> Project meets constraints and specifications. Accurate geometric information presented. Design is workable and considers all key details. Drawings show accurate dimensions of two fields, entertainment venue, and room for spectators. <p>6-----8-----12</p>	<ul style="list-style-type: none"> Meets all proficient criteria. In addition, the project: Demonstrates meets constraints and expectations in thoughtful manner. Presents accurate geometric information in innovative fashion. Shows strong use of geometric knowledge. <p>13-----14-----15</p>

BREAKTHROUGH
Evidence for
exceptional or creative
performance beyond
mastery.

The evidence for breakthrough is:



Section 3: Designing a Winner Project