

What's Your Angle, Pythagoras? 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% on tests and quizzes throughout the project. Student demonstrates proficient use of geometric practices 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 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 1 or 4 of the Mathematical Practices Rubric. <p>1-----3-----5</p>	<ul style="list-style-type: none"> Student demonstrates proficiency on either element 1 or 4 of the Mathematical Practices Rubric. <p>6-----8-----12</p>	<ul style="list-style-type: none"> Student demonstrates proficiency on elements 1 and 4 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 the 5-minute limit. No real-world example or inappropriate example. Geometric information presented, though not always accurately. No evidence that presentation engages and teaches the audience. <p>1-----3-----5</p>	<ul style="list-style-type: none"> Project meets the 5-minute specification. Presentation includes real-world example. Accurate geometric information presented. Presentation offers evidence that it is engaging and relevant to audience. <p>6-----8-----12</p>	<p>Meets all proficient criteria. In addition, the project:</p> <ul style="list-style-type: none"> Includes thoughtful or unusual real-world example. Presents accurate geometric information in innovative fashion and shows strong command of geometric knowledge. Clear evidence that the presentation was engaging to audience and taught key principles of the Pythagorean theorem. <p>13-----14-----15</p>

BREAKTHROUGH
Evidence for
exceptional or creative
performance beyond
mastery.

The evidence for breakthrough is: