

Honors Math 2 Project 1

Tessellation

NAME: _____

CLASS: _____

DUE DATE: _____

| CRITERIA | UNSATISFACTORY (Below Performance Standards) F | PROFICIENT (Minimal Criteria) D – Barely A | ADVANCED (Demonstrates Exceptional Performance) High A |
|---|---|--|---|
| <p>Translation Picture</p> <p>(15 points)</p> <p>SCORE _____</p> | <ul style="list-style-type: none"> Design is NOT an accurate example of this type of tessellation Design does NOT tessellate the entire plane (paper) Design is NOT drawn on at least 8½” x 11” paper. Original template not included with your design Picture is sloppy (-2pts) Picture is drawn in pencil (-1 pt) | <ul style="list-style-type: none"> Design is an accurate example of this type of tessellation (4pts) Design tessellates the entire 8½ “ x 11” plane (paper) (2pts) Original template included with your design. Template should be paper clipped to the translation. (2pts) Your design is a neat, creative and colorful object (4pts) You have named your design on the back of the tessellation (2pts) | <p>In addition to meeting the PROFICIENT criteria...</p> <ul style="list-style-type: none"> <i>A complex design</i> <i>Tessellation is above and beyond basic requirements (1 pt)</i> |
| <p>Rotation Picture</p> <p>(15 points)</p> <p>SCORE _____</p> | <ul style="list-style-type: none"> Design is NOT an accurate example of this type of tessellation Design does NOT tessellate the entire plane (paper) Design is NOT drawn on at least 8½” x 11” paper. Original template not included with your design Picture is sloppy (-2pts) Picture is drawn in pencil (-1 pt) | <ul style="list-style-type: none"> Design is an accurate example of this type of tessellation (4pts) Design tessellates the entire 8½ “ x 11” plane (paper) (2pts) Original template included with your design. Template should be paper clipped to the translation. (2pts) Your design is a neat, creative and colorful object (4pts) You have named your design on the back of the tessellation (2pts) | <p>In addition to meeting the PROFICIENT criteria...</p> <ul style="list-style-type: none"> <i>A complex design</i> <i>Tessellation is above and beyond basic requirements (1 pt)</i> |
| <p>Reflection Picture</p> <p>(15 points)</p> <p>SCORE _____</p> | <ul style="list-style-type: none"> Design is NOT an accurate example of this type of tessellation Design does NOT tessellate the entire plane (paper) Design is NOT drawn on at least 8½” x 11” paper. Original template not included with your design Picture is sloppy (-2pts) Picture is drawn in pencil (-1 pt) | <ul style="list-style-type: none"> Design is an accurate example of this type of tessellation (4pts) Design tessellates the entire 8½ “ x 11” plane (paper) (2pts) Original template included with your design. Template should be paper clipped to the translation. (2pts) Your design is a neat, creative and colorful object (4pts) You have named your design on the back of the tessellation (2pts) | <p>In addition to meeting the PROFICIENT criteria...</p> <ul style="list-style-type: none"> <i>A complex design</i> <i>Tessellation is above and beyond basic requirements (1 pt)</i> |

| CRITERIA | UNSATISFACTORY (Below Performance Standards) F | PROFICIENT (Minimal Criteria) D – Barely A | ADVANCED (Demonstrates Exceptional Performance) High A |
|--|--|--|--|
| <p>Product (30 points)</p> <p>SCORE _____</p> | <ul style="list-style-type: none"> Product is too small – does not show enough of your tessellation Product is sloppy Product does not contain color Product is not something you'd sell. <ul style="list-style-type: none"> (No paper or Styrofoam material) | <ul style="list-style-type: none"> Product is colored (5pts) Product is of selling quality (5pts) Product has equal creativity value as the examples shown in class (coffee cup, picture frame, t-shirt) (9pts) Product appears to have been put together by someone who takes pride in his/her work (i.e. If you put this together at the last minute I will notice and your grade will reflect it) (5pts) Product has your name/signature on it (2 pts) | <p>In addition to meeting the PROFICIENT criteria...</p> <ul style="list-style-type: none"> Product is something not seen in class. (ie not a coffee cup, picture frame, plate, etc) (4pts) |
| <p>Escher Essay (15 points)</p> <p>SCORE _____</p> | <ul style="list-style-type: none"> Spelling and grammar mistakes found in essay (-3 pts) Essay does not satisfy content requirements Essay does not satisfy formatting and length requirements Essay is plagiarized (automatic zero for this section) Do not copy and paste from a website! | <ul style="list-style-type: none"> Essay should address all parts of the webquest. Go to the website: https://nyoungmath.weebly.com "Project" link to complete all parts of webquest. Complete all parts of webquest using complete sentences. (10pts) Essay is typed with correct formatting (12pt font, double spaced, using Times New Roman font) (2pts) 1 - 2 pages (2pts) | <p>In addition to meeting the PROFICIENT criteria...</p> <ul style="list-style-type: none"> Essay is above and beyond basic requirements. Essay is skillfully written and impresses the teacher. (1pts) |
| <p>Professionalism (10 points)</p> <p>SCORE _____</p> | <ul style="list-style-type: none"> Student did not fulfill his/her responsibilities Student did not turn rubric back in. | <ul style="list-style-type: none"> Student fulfilled all of his/her responsibilities Student turned in the rubric with the project. (4pts) Final product is neat and of professional quality and Project pieces are original, not plagiarized (5pts) | <p>In addition to meeting the PROFICIENT criteria...</p> <ul style="list-style-type: none"> Student went above and beyond requirements for presentation of product (1pt) |

COMMENTS:

• Go to the website: <https://nyoungmath.weebly.com> "Project" link to complete all parts of the Tessellations Project webquest. See me before the due date if you need materials.

Total: _____