Desmos Art Project Rubric

DUE – Friday, May 8th by 3:30pm

Poster Presentation (+2pts each) 1. Title 2. Name 3. Final Image minimum size 8.5”x11” ○ Axis & Coordinate Grid Removed (+3pts) ○ Full Color (+5pts) 4. Desmos Rendering minimum size 8.5”x5.5” 5. Professionally Formatted	_____ / 16pts
Desmos File 1. Equations are in Simplest Form (+2pts) 2. Functions are grouped via function type/classification. (+2pts) 3. All functions are numbered (+2pts) 4. Equation Styles Breakdown ● Minimum Requirement (+74) → (16) Total Conics including a minimum of each of the following 1. (2) Parabola 2. (2) Circle 3. (2) Ellipse 4. (2) Hyperbola → (2) Lines	_____ / 80pts
Students completing only the above minimum expectations will receive a potential point total of 96 out of an overall total of 120 resulting in 80% as a final grade.	
OPTIONS for Additional Points Available for increased Difficulty ○ Increased number of equations required ● 17-20 total (+4pts) ● 20-36 (+6pts) ● more than 36 (+8pts) ○ Coloring (see Video Tutorial #2) ● Custom color created and utilized in digital art (+2pts per color - students may use as many custom colors as they want but credit will only be awarded up to a total of 8 custom colors or +16pts) ● Shading using inequalities or compound inequalities (+10pts) *Students may print their file with the digital colors OR submit the digital files with color augmentation for additional credit and still print a black & white to custom color via personal art effects (marker, crayon, watercolor, oils etc) for full credit.*	

○ Original Artwork ● Affix the original or small copy (5”x6”) that inspired your project to the poster (+2pts) ○ Poster Artwork ● Artwork, embellishment and/or decorations are added to the poster following the theme of the art to develop a cohesive presentation. (+5pts) ○ Advanced Equations ● Researched and applied advanced equations (+2pts/each) → Trig Functions → Polar Functions → Piecewise Functions → Polynomial Functions → Rational Functions ○ File Animation +3pts per animation - not to exceed 4 animations or +12pts	
Sub Total	_____ / 120pts
Late Submission *Example:* *If you submit the assignment on Monday, May 11th you would lose 15pts as it is three days late.*	_____ (-5) *less 5pts per day*
Total *Total extra credit not to exceed +140/120pts*	_____ / 120pts