**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**BEFORE** starting your design work on Desmos, you must get two things approved:

A) General sketch/idea

If you plan on doing the extra credit, show clearly how it will be *artistically* incorporated. (Don’t just throw something on, the day before it is due.

B) Show that you understand plagiarism and its consequences. A B

1. Looking at pictures of the Eiffel Tower for inspiration Plagiarism Not Plagiarism

2. Submitting someone else’s Desmos of the Eiffel Tower Plagiarism Not Plagiarism

3. Copying a YouTube video of someone making the Eiffel Plagiarism Not Plagiarism  
 Tower on Desmos, but changing a couple things

4. Googling “sketch of Eiffel Tower” and studying what you see Plagiarism Not Plagiarism

5. If I plagiarize, I will receive a zero for the… art section (50pt) full project (100pt)

|  |
| --- |
| Mr. Malan’s Approval/Comments |

**Circle**

**Equation:**  
  
(Desmos Equation # \_\_\_\_\_\_ )



|  |  |
| --- | --- |
| **Center** | **Radius** |

**Ellipse**

**Equation:**  
  
(Desmos Equation # \_\_\_\_\_\_ )



|  |  |  |
| --- | --- | --- |
| **Center** | **Length of Major Axis** | **Length of Minor Axis** |
| **Coordinates of one focus** | **Coordinates of one vertex** | **Coordinates of one co-vertex** |

**Hyperbola**

**Equation:**  
  
(Desmos Equation # \_\_\_\_\_\_ )



|  |  |  |
| --- | --- | --- |
| **Center** | **Length of Transverse Axis** | **Length of Conjugate Axis** |
| **Coordinates of one focus** | **Coordinates of one vertex** |  |

**Parabola**

**Equation:**  
  
(Desmos Equation # \_\_\_\_\_\_ )



|  |  |  |
| --- | --- | --- |
| **Coordinates of Vertex** | **Coordinates of Focus** | **Equation of Directrix** |

**Reflections:**

Tell me one thing that you learned in doing the activity:

Tell me one ***new*** question/curiosity you have after doing the activity:

