POLAR PROJECT RUBRIC 2017

| Assignment | Points <br> Possible | Points Earned |
| :--- | :--- | :--- |
| 1. Binder <br> Title Page <br> Table of Contents/Pages Labeled <br> Contents in correct order | $\mathbf{1 0}$ |  |
| 2. Description/ History <br> Complete <br> Accurate <br> Examples <br> Include Sources | 10 |  |
| 3. Transitions WS <br> All work shown | 10 |  |
| 4. Distance WS <br> All work shown. <br> Detailed real world example with a <br> picture and calculations | $\mathbf{1 0}$ |  |
| 5. Graphing Investigation I <br> Neat and accurate graphs on polar <br> grid <br> Changes to "n" clearly described | 10 |  |
| 6. Graphing Investigation II <br> Complete <br> Neat and Accurate Graphs <br> Questions correctly answered | $\mathbf{1 0}$ |  |
| 7. Systems of Equations <br> Complete (6) <br> Algebraic solutions accurate <br> Graphs on polar grid, neat <br> POI clearly labeled | $\mathbf{1 0}$ |  |
| 8. Other Polar Curves Reports <br> Typed, double spaced <br> Historical facts provided <br> Graph and equation provided <br> 2 references, MLA format | $\mathbf{1 0}$ |  |
| 9. Original Design <br> At least 3 equations <br> Graph, Eqn, and Window Printed <br> Title <br> Creativity | $\mathbf{1 0}$ |  |
| 10. Review Multiple Choice Worksheet <br> Complete <br> Accurate |  |  |
| TOTAL |  |  |

