


## Performance Objectives

## Know

The student will know how to derive the equation of a line, exponential function, parabola, circle, ellipse, or parabola.
The student will know how to graph the equation of a line, exponential function, parabola, circle, ellipse, or parabola and identify the transformation from the parent function.
The student will know how to identify each type of conic section from the standard form of their equation.


|  | 8. Use Desmos calculator. | x |  |
| :---: | :---: | :---: | :---: |
|  | 9. Use and share Google Docs | x |  |
|  | 10. Use audacity and USB drive |  | X |
|  | 11. Graph a composite image |  | X |
| Resources | School - based individuals <br> Technology lab instructor <br> Technology: <br> Internet <br> Microphones <br> Audacity <br> Desmos accounts <br> Server folders/usb drives <br> Sound Cloud accounts <br> Materials: <br> Art boards <br> Paint/markers <br> Worksheet: https://docs.google.com/document/d/1RVX_qRIINs5iINUK1t-zwCH4w2IWi5J-GUE_RB73tHs/pub |  |  |
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| Resources | http://www.nationalartsstandards.org/sites/default/files/NCCAS\%20\%20Conceptual\%20Framework 0.pdf http://www.corestandards.org/Math/Content/HSG/GPE/ https://www.iste.org/docs/pdfs/20-14 ISTE Standards-S PDF.pdf https://www.desmos.com/calculator/mq1vnnhrih |  |  |

