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| **Class** | Algebra 2 | **Topic** | U5– Transformations of Parabolas | **Lesson** | 3 | **Of** | 8 |

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| **Objective** | Students will:   * Be able to sketch the vertex form of a parabola * Be able to know the transformations of parabolas written in vertex form |
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| **“I Can” Statement** | I can sketch the parabola written in vertex form |

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| **Common Core Standards** | [CCSS.MATH.CONTENT.HSF.IF.C.7](http://www.corestandards.org/Math/Content/HSF/IF/C/7/)  Graph functions expressed symbolically and show key features of the graph, by hand in simple cases and using technology for more complicated cases.\*  [CCSS.MATH.CONTENT.HSF.IF.C.7.A](http://www.corestandards.org/Math/Content/HSF/IF/C/7/a/)  Graph linear and quadratic functions and show intercepts, maxima, and minima |
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| **Bell Work** | See 5-3 Bell Work |

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| **Procedures** | 1. Start and lead student discussion related to the bell work.  2. Distribute the Guided Notes  3. Present lesson or play a video lesson.  4. Use an Online Activity if time permitted.  5. Distribute Lesson Assignment. |

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| **Assessment** | Bell Work 5-3  Assignment 5-3  Exit Quiz 5-3 |

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| **Additional Resources** | See Online Activities |