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| **Criteria** | Excellent (5) | Good (4) | Fair (2) | Poor (1) |
| Organization/Creativity | Includes a title, neatly displays appropriate calculations, and includes all components for all birds. Also, includes color and appropriate graphics and pictures. | Includes most of the components and is somewhat organized.Includes some color, graphics, and pictures. | Missing some components and is hard to understand.Very little color, graphics, and pictures. | Missing most of the components and is extremely difficult to understand.Little to no color, graphics, or pictures. |
| Determine Paths of Birds | 4 parabolic paths, parabolic paths are smooth and pass through starting point, vertex, and ending point. | 3 parabolic paths, with all the required information. | 2 parabolic paths, with all the required information. | 1 parabolic path, with all the required information. |
| Data Points | Data points are clearly marked and labeled, and are used to create parabolas. | Data points are clearly marked (but not labeled), and are used to create parabolas. | Data points are clearly marked (but not labeled), and are used to create parabolas. They only contain 2 of the 3 required points (starting point, maximum, and ending point). | Data points are not clearly marked, not clearly labeled, and/or are not used to create parabolas. |
| Quadratic Equations | All 4 quadratic equations (in vertex form and standard form) are accurate. | Only 3 quadratic equations (in vertex form and standard form) are accurate. | 2 quadratic equations (in vertex form and standard form) are accurate. | 1 quadratic equation (in vertex form and standard form) is accurate. |

\*There is the possibility of scoring a 0 for any of the categories.