MHF4U - Marking Scheme Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| Criteria | Comments | Level |
| Domain and Range |  |  |
| Form of equations | Polynomial |  |
| Rational |
| Trigonometric |
| Exponential |
| Logarithmic |
| Design of Roller Coaster  -smoothness, plausibility, connection of functions |  |  |
| Instantaneous Rate of Change- correctness | Steepest |  |
| Increasing |
| Decreasing |
| Local max/min |
| Multiple methods, Level of difficulty of methods selected |  |  |
| Algebraic response to when height is 200 |  |  |
| Intervals less than 100 |  |  |
| Overall Communication |  |  |
| Overall Level |  |  |