**Objective:** Model the relationship between potential energy (*PE*) and kinetic energy (*KE*) for a skater at a skate park. Energy Skate Park lab found at <https://phet.colorado.edu/sims/html/energy-skate-park-basics/latest/energy-skate-park-basics_en.html> . Choose “Intro” from the home screen. In the upper right corner, check all the boxes. In the lower right corner select the third skate track down that has a “w” shape.

**Diagrammatical Model: Experimental Design:**

**Graphical: Mathmatical:**



|  |  |
| --- | --- |
| ***PE*****(J)** | ***KE*****(J)** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

**Word:**