**Data Collection Sheet**

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**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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**Independent Variable: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Dependent Variable: Number of blocks knocked down.**

**Trial 1: Size of the bob**

**Small: # of blocks knocked down: \_\_\_\_\_\_\_\_\_\_\_**

**Medium: # of blocks knocked down: \_\_\_\_\_\_\_\_\_\_\_**

**Large: # of blocks knocked down: \_\_\_\_\_\_\_\_\_\_\_**

**Trial 2: Angle of the swing**

**45O: # of blocks knocked down: \_\_\_\_\_\_\_\_\_\_\_**

**90O: # of blocks knocked down: \_\_\_\_\_\_\_\_\_\_\_**

**135O: # of blocks knocked down: \_\_\_\_\_\_\_\_\_\_\_**

**Trial 3 Mass of the bob**

**Mass 1: # of blocks knocked down: \_\_\_\_\_\_\_\_\_\_\_**

**Mass 2: # of blocks knocked down: \_\_\_\_\_\_\_\_\_\_\_**

**Mass 3: # of blocks knocked down: \_\_\_\_\_\_\_\_\_\_\_**

**Trial 1: Size of the bob**

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**Trial 2: Angle of the swing**

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**Trial 3 Mass of the bob**

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**Spider Web Graphic Organizer: Planning the E-mail**

**Question:** What can you claim about the most effective characteristics of a wrecking ball?

**Claim:**

**Evidence:**

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| **Letter to owner of the local stadium** |
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