**Objective:** Model the relationship between *FAB* (read “Force of object A acting on object B)and *FBA*(read “Force of object B acting on object A”). Phet Hooke’s Law lab found at <https://phet.colorado.edu/sims/html/hookes-law/latest/hookes-law_en.html> . Choose “Intro” from the home screen. In the upper right corner, check “Applied Force”, “Spring Force”, and “Values”. Use the grabbers to pull the spring. Let the action/reaction pair under investigation be the interaction between the grabbers and the spring.

**Diagrammatical: Experimental Design:**

**Graphical:**

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**Mathematical:**

**Word:**