

Experiment : Spring Force

Name :

Grade :

Date :

PhET website :

https://phet.colorado.edu/sims/html/hookes-law/latest/hookes-law_en.html

Experiment 1

(10 min)

spring constant = 100 N/m

Force (F)	Displacement (x)	F/x

Experiment 2

spring constant = 500 N/m

Force (F)	Displacement (x)	F/x

Experiment 3

spring constant = 1000 N/m

Force (F)	Displacement (x)	F/x