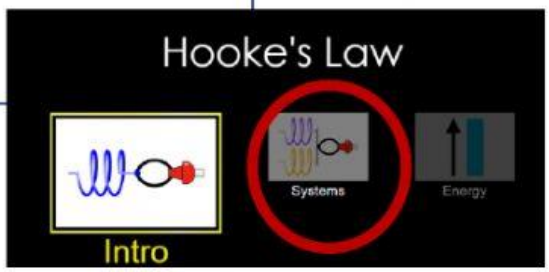
Experiment : Spring Force - Extra Challenge

Name : Grade : Date :

1. Goto PhET website :

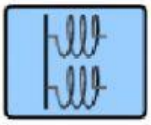
https://phet.colorado.edu/sims/html/hookes-law/latest/hookes-law_en.html

2. Select systems:



Experiment 1 **(10 min)**

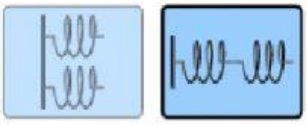
Select two <u>parallel springs</u> for experiment



Spring Constant of top spring (N/m)	Spring Constant of bottom spring (N/m)	Applied force F (N)	Distance (x) (m)	F/x
200	200			
400	400			
600	700			

Experiment 2 **(10 min)**

Select <u>two series springs</u> for experiment



Spring Constant of top spring (N/m)	Spring Constant of bottom spring (N/m)	Applied force (F)	Distance (x)	F/x
200	200			
400	400			
600	600			

LIVEWORKSHEETS