

S3 Spring Potential Energy: More Energy  
Investigate

1a.

1b.

2a. method 1 vs. method 2  
description: description:

3a. data collected: data collected:

3b.

5. data after double mass: data after double mass:

5b.

6a.

6b.

6c.

6d.

7a.	position above table (m)	SPE (J)	KE (J)	GPE (J)	SPE + KE + GPE (J)
	at rest on table: height = 0				
	just after popping: height = 0				
	at peak height = 0.30				
	$\frac{1}{2}$ way up: height = 0.15				
	with spring only partially open: height = 0				
	some other position: height =				

7b.

$\Delta E + KE$   
 $- GPE$   
 $(J)$



Blank lined area at the bottom of the page.