

Name: _____ Date: _____ Class: _____

Microsoft Excel Example Directions

Data Sheet

Marbles	Bag of 10	Bag of 20	Bag of 30	Bag of 40
Mass (g)	g	g	g	g

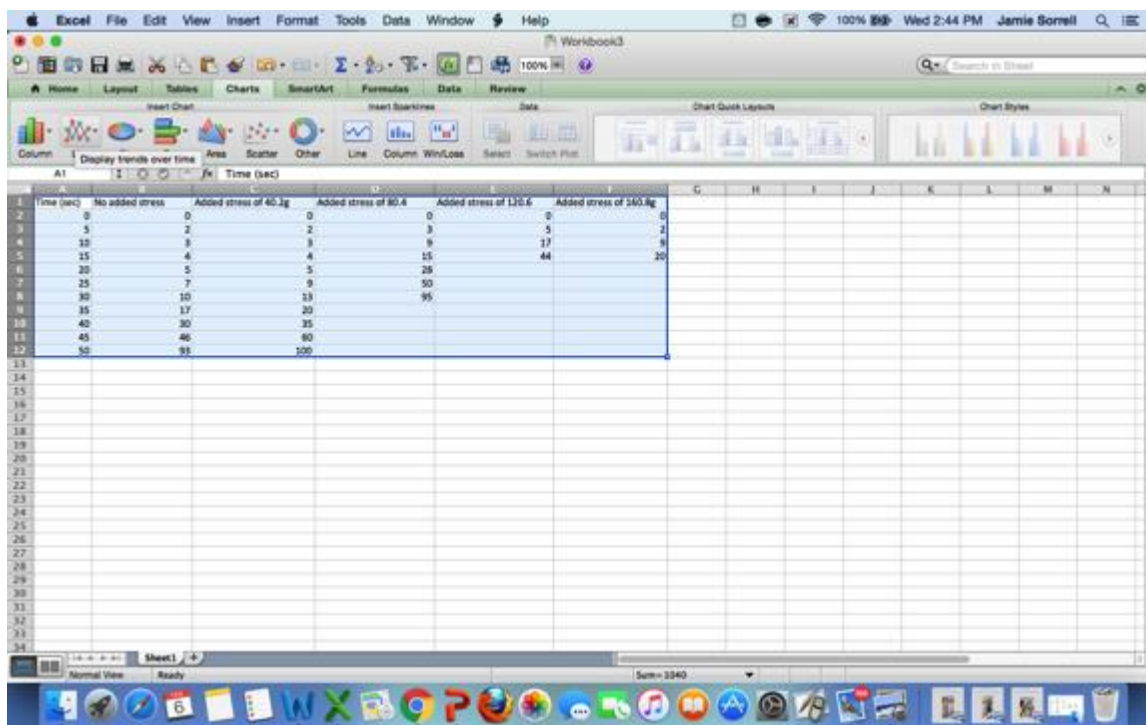
Slime Stretch Data Table

Time (sec)	Distance (cm) No added stress	Distance (cm) Added stress of 40.2 g	Distance (cm) Added stress of 80.4 g	Distance (cm) Added stress of 120.6 g	Distance (cm) Added stress of 160.8 g
0	0	0	0	0	0
5	2	2	3	5	2
10	3	3	9	17	9
15	4	4	15	44	20
20	5	5	28		
25	7	9	50		
30	10	13	95		
35	17	20			
40	30	35			
45	46	60			
50	93	100			
55					
60					
65					
70					
Snapped? Yes or No	Yes at 150 cm	Yes at 140 cm	Yes at 180 cm	Yes at 70 cm	Yes at 25 cm
Average Speed	1.86 cm/sec	2.00 cm/sec	3.166 cm/sec	2.933 cm/sec	1.33 cm/sec
Instantaneous Speed at 15 cm	0.94 cm/sec	0.47 cm/sec	1.00 cm/sec	1.88 cm/sec	1.25 cm/sec

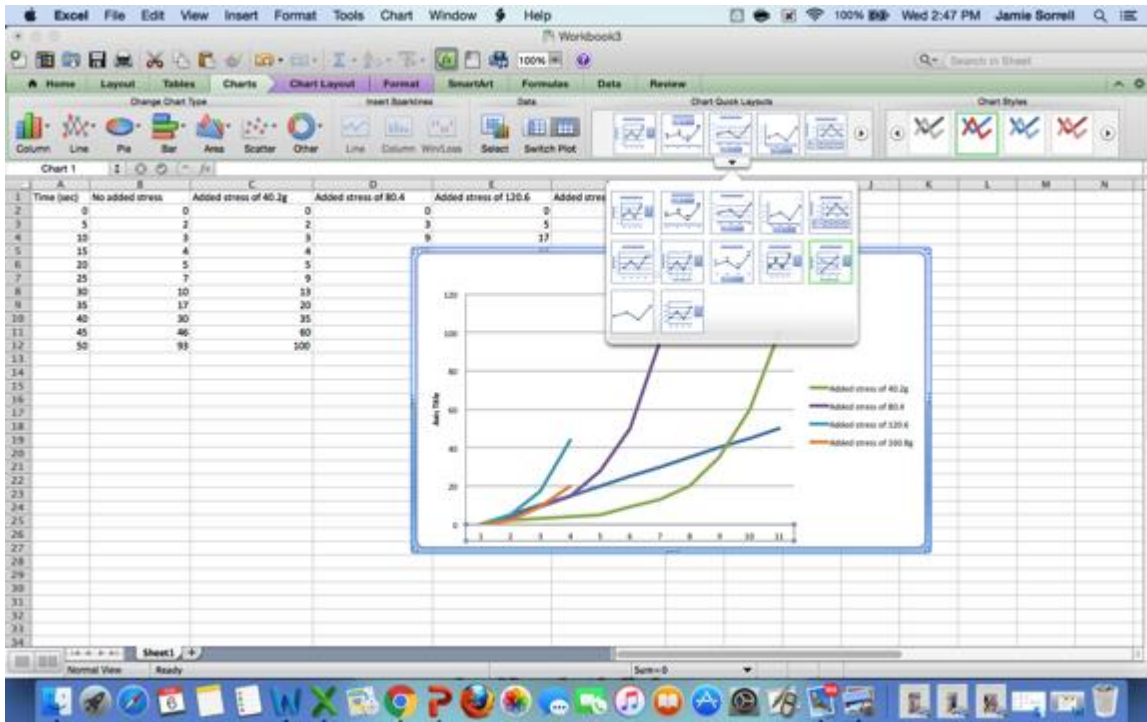
1. Enter Title and Data into Excel Grid

Time (sec)	No added stress	Added stress of 40.2g	Added stress of 80.4	Added stress of 120.6	Added stress of 160.8g
0	0	0	0	0	0
5	2	2	2	3	5
10	3	3	3	9	17
15	4	4	4	15	44
20	5	5	5	28	20
25	7	7	9	50	
30	10	10	13	95	
35	17	20			
40	30	35			
45	46	60			
50	93	100			

2. Highlight Data and Click Line Graph under Chart Tab



3. Select a chart layout that includes a graph title and axis titles



4. Fill in title and axis titles

5. 5. Students can copy and paste graph into a power-point or word document for presentation

