## **Low-Cost Experiments** in STEM Education





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## Wind it Up!









## Same Experiment. Different Levels. Equal Fun!

Turns	Time taken for toy to stop (s)
1	
2	
3	

Turns	Time taken for toy to stop (s)							
	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	Average				
	try	try	try					
0.50								
1.00								
1.50								
2.00								
2.50								
3.00								

Turns	Time taken for toy to stop (s)							
	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	Random	Reading	Average +/-
	try	try	try	try	try	Uncertainty	Uncertainty	% Uncertainty
0.25								
0.50								
0.75	Ш							
1.00	Ш						0	
1.25	Ш	Ш						
1.50							•	
1.75								
2.00								
2.25								
2.50								
2.75								
3.00								



Conclusion: A fantastic vehicle for building critical thinking skills, creating links between primary and secondary schools, and funsizing science numeracy and literacy!

