Physics: Required Practical 5
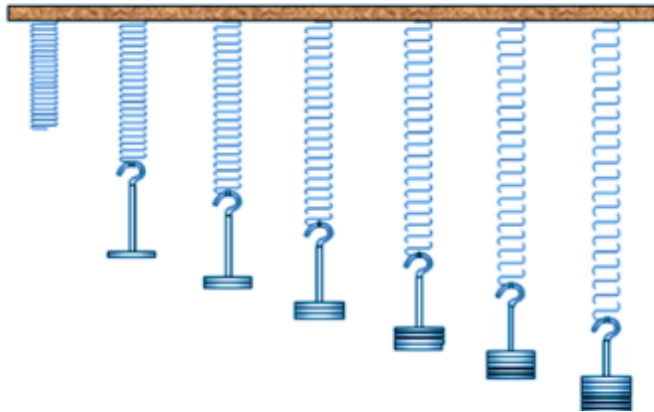
 What is this required practical about?
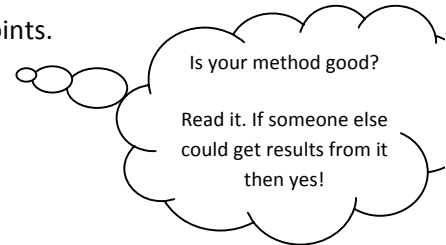
....

 What piece of equipment is used to measure length?

....

 Think about how you carried out this practical.

Write a logical and comprehensive method, using numbered bullet points.

Is your method good?

Read it. If someone else could get results from it then yes!

https://www.youtube.com/watch?v=XoukVo6MR40

 Look at the student's results below. Work out the force and extension.

Mass added (g)	Force (N) (100g exerts a 1 newton force)	Length (cm)	Extension (cm)
0		5	
100		10	
200		20	
300		30	
400		40	
500		50	
600		52	
700		52	

 Sketch a graph of the results you would expect.
 Or
 Draw a graph of the results on separate paper.

For which ever you do, label: the elastic region, limit of proportionality, estimated point at which the spring would break.

 What is meant by the term directly proportional?

....

....