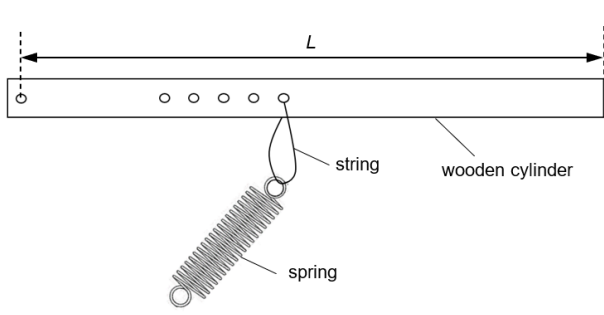


Apparatus List

Q1 (Electrical)

No.	Description	Qty	Remarks
1	1.5 V dry cell in holder	1	
2	Switch	1	
3	DMM as voltmeter with leads	1	Set to 2V; Tape setting
4	10 Ω resistor	4	Labelled: 10 Ω
5	(1.5 V, 0.3 A) bulb with holder and terminals	1	
6	Connecting leads with crocodile clips	7	

Q2 (Mechanical)

No.	Description	Qty	Remarks
1	Retort Stand	1	
2	Bosses and clamps	2 each	
3	Wooden cylinder with spring attached via a string.  <p>Spring with string tied to hole position as shown above</p> <p>Mass of cylinder to be written on the cylinder, the value to be given to the nearest gram.</p>	1	Wooden cylinder of length 60 cm with 6 holes drilled along its length String loop of approximate circumference 15cm
4	Wooden strip with hole drilled on one end	1	Approximate dimensions (15cm x 2.5 cm x 0.6 cm)
5	Nail	1	Diameter in the range of 2-3 mm and approximate length 5 cm
6	Metre rule	1	

Q3 (Oscillation)

No.	Description	Qty	Remarks
1	Retort Stand	1	
2	Bosses and clamps	1 each	
3	A4 size cardboard	1	
4	Optical pin with cork in a small container	1 each	
5	Scissors	1 pair	
6	Stop watch reading to 0.1s	1	
7	Half meter rule	1	
8	Paper clip	1	