

AS and A-level Physics practicals: Equipment set up

Practical 4: Determination of the Young modulus by a simple method

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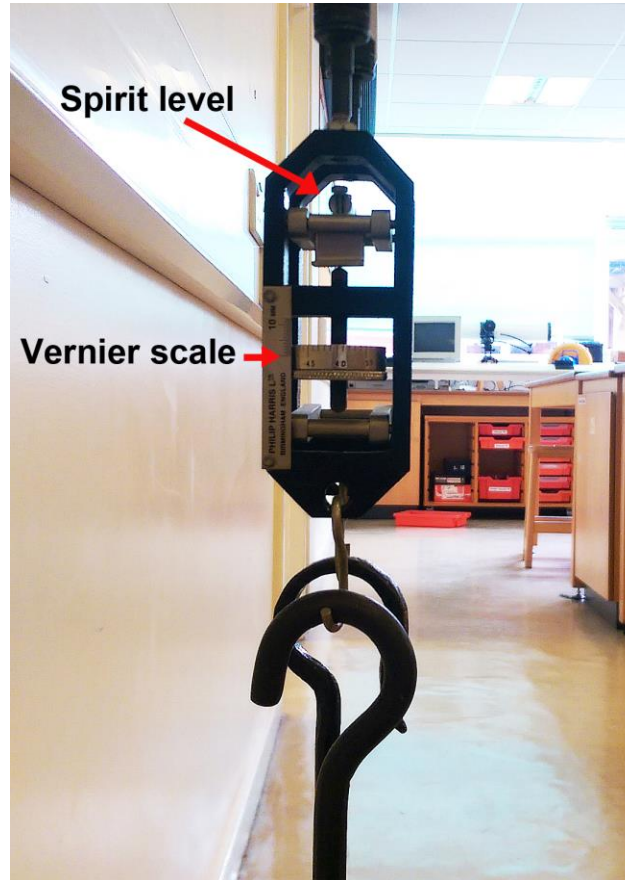
Contribution from Marcin Poblocki, Senior Physics Technician at Manchester Grammar School

The apparatus set up as in the diagram, mass hangers use to make sure the wires are initially stretched taught

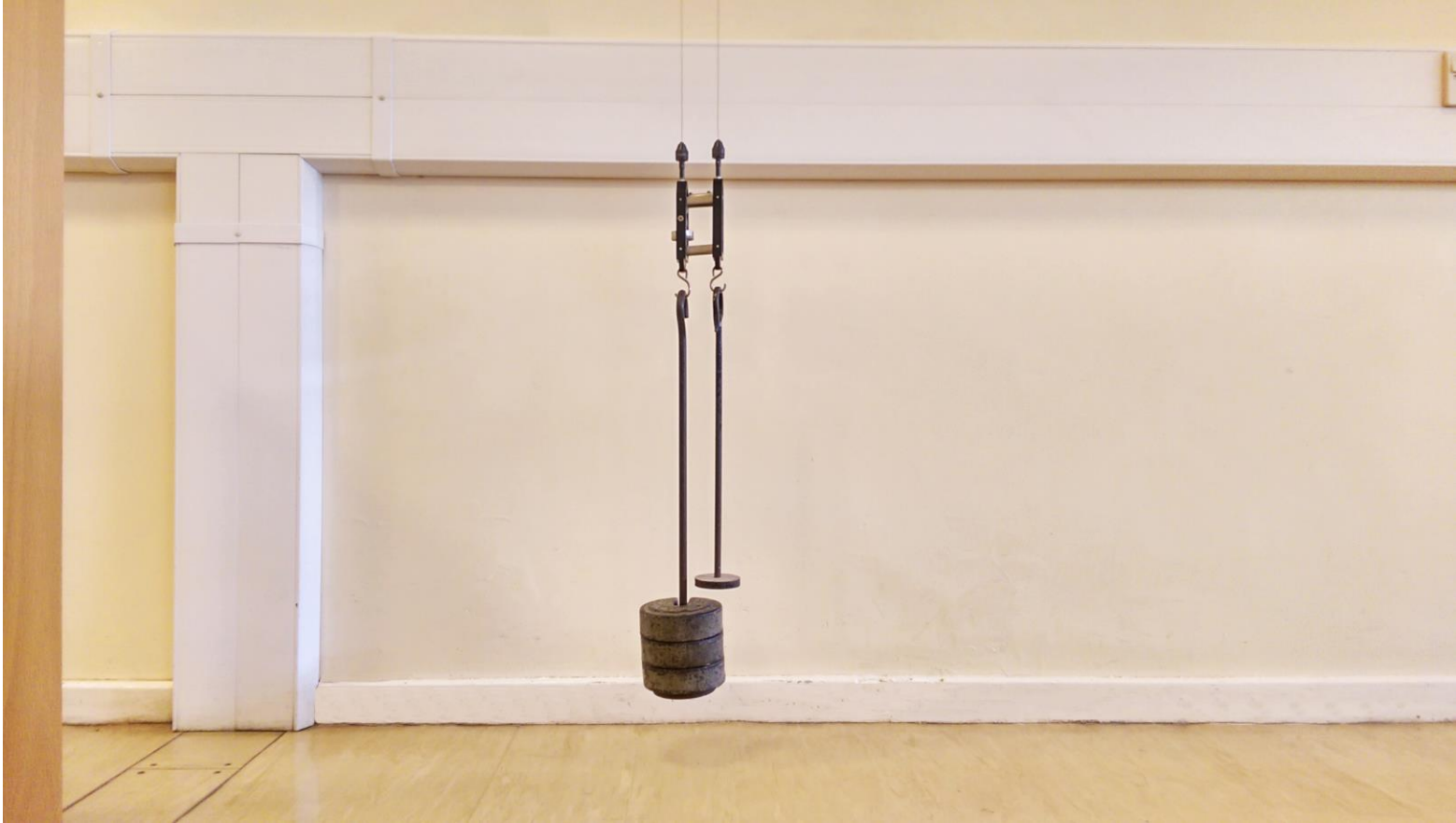


Using the vernier scale to take an initial scale reading

Make sure that you adjust the vernier scale so the air bubble in the spirit level is in the centre, before taking each reading.



Adding further masses to the test wire before taking new scale readings before...



...unloading the wire, taking a scale reading each time

