

# AS and A-level Physics practicals: Equipment set up

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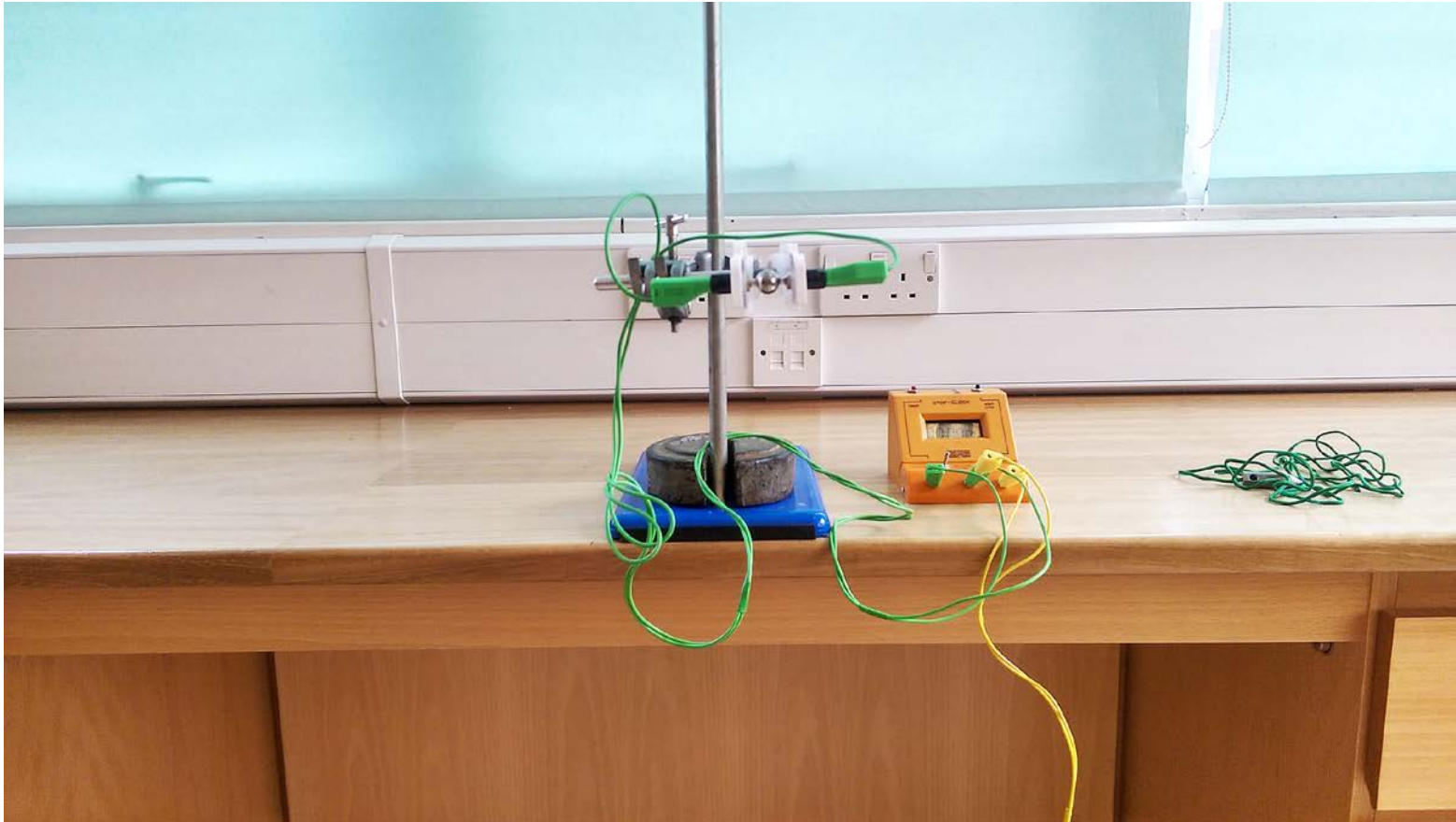
Practical 3: Determination of  $g$  by a free-fall method

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# Alternative set up without the use of light gates or an electromagnet (mechanical release used)



# Reset the data logger to zero



# Use of a plumb line to ensure the ball bearing falls on the pressure pad



Read the time on the data logger when the ball bearing has hit the pressure pad and take repeat readings to find the mean time

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