

INTERNATIONAL GCSE SCIENCE (SINGLE AWARD)

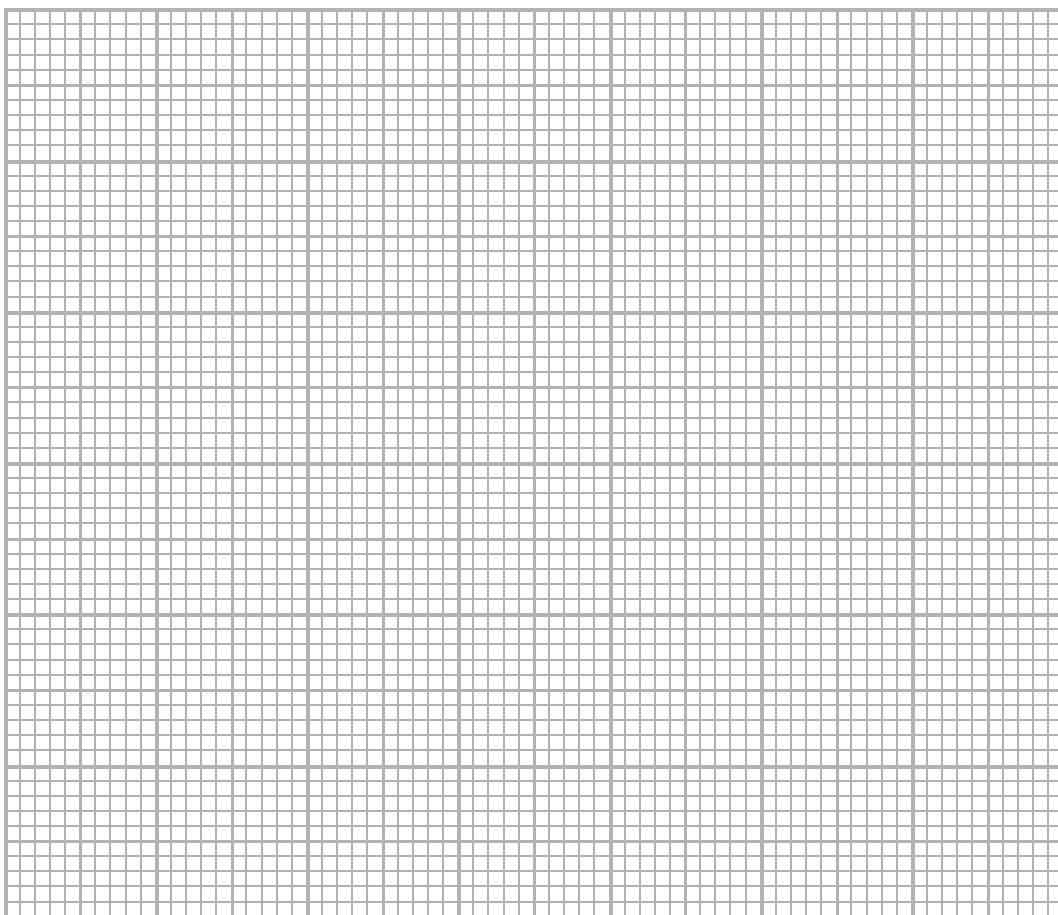
ACTIVITY 3 - PHYSICS

(b) The student obtains the following results.

Blade angle / degree	Voltage / V
0	0.0
10	2.0
20	2.2
30	2.0
40	1.7
50	1.4
60	1.0
70	0.6
80	0.2
90	0.0

(i) Plot the student's results on the grid.

(3)



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(ii) Draw a curve of best fit on the graph.

(2)

(iii) Describe the relationship between the blade angle and the voltage.

(2)

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(Total for Question 8 = 9 marks)