

Lab Diary Checklist Astronomy 1

Aspect	A	B	C	D
Title and Date <i>clearly indicated</i>				
Introductory paragraph <i>aims clearly set out and correct</i> <i>brief description of task</i>				
Method <i>explanation of method</i> <i>discussion of any special points</i>				
Measurements (if applicable) <i>good quality, carefully made, clearly listed</i>				
Errors <i>sensible values</i> <i>sources of error clearly explained and estimates justified</i> <i>mathematical manipulation correct</i>				
Data presentation: tables <i>well laid out with column headings and units specified</i>				
Data presentation: graphs <i>well presented with good choice of axis and scales</i> <i>error bars on points</i> <i>axes labelled, with units; key or legend if needed</i>				
Results <i>good results obtained</i> <i>quoted to correct precision, with errors and units</i>				
Conclusions <i>comparison with standard values with proper account of errors; discussion of any discrepancies</i>				
Supplementary questions (if applicable) <i>good answers demonstrating understanding of material</i>				

A = good; B = satisfactory; C = poor; D = non-existent (or completely wrong)

Results (assignment marked out of 5):

almost all 'A's (not more than one or two 'B's)	5
mostly 'A's (not more than four or five 'B's)	4.5
mixture of 'A's and 'B's	4
mostly 'B's with some 'A's (not more than one 'C')	3.5
almost all 'B's, or mix of 'A', 'B' and 'C'	3
mixture of 'B's and 'C's ('B' for measurements and results)	2.5
mostly 'C'	2
more than three or four 'D's, or 'D' for measurement and results	<2 (FAIL)