



Peer review rubric

PRACTICAL _____ AUTHOR (INITIALS) _____ REVIEWER (INITIALS) _____

CRITERION	● 1 BEGINNING	■ 2 DEVELOPING	▲ 3 SECURE	★ 4 EXCELLENT
Planning and safety	Names the practical but not the equipment or the safety rules. ☐	Lists the equipment and gives one safety rule. ☐	Lists the equipment, writes the steps in order and gives the safety rules. ☐	Does all of level 3 and names the variable changed, the variable measured and the variables kept the same. ☐
Practical technique	Some steps are missed or done out of order. ☐	Follows the steps in order, but some readings are taken without checking the instrument. ☐	Follows the steps in order and reads each instrument carefully. ☐	Does all of level 3 and repeats each measurement under the same conditions. ☐
Recording data	Readings are written down without a table or units. ☐	Readings are in a table and some headings have units. ☐	Table has units in every heading and the same number of significant figures throughout. ☐	Does all of level 3 and shows repeat readings with a mean. ☐
Calculations and quantitative accuracy	A calculation is attempted but the working is not shown. ☐	Working is shown, but some answers have no unit or have a slip. ☐	Calculation is correct and every answer has a unit. ☐	Does all of level 3 and the result is compared with the accepted value using a percentage error. ☐
Error analysis and evaluation	Says the result could be better, without a reason. ☐	Names one source of error. ☐	Names a source of error and says how it changed the result. ☐	Names the sources of error, says how they changed the result and suggests one improvement. ☐

■ LEVELS Tick one box in each row. Each level describes **the work**, not the person. This is feedback, not a grade. Use initials only. Keep this review between the pair and your teacher.

Peer review feedback



PRACTICAL _____

AUTHOR (INITIALS) _____

REVIEWER (INITIALS) _____

ENTRY 1 Two glows

What went well

Glow 1: I noticed that ...

Glow 2: I noticed that ...

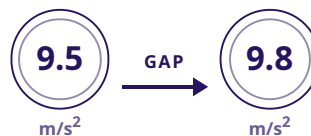
ENTRY 2 One grow

What to try next

Next time you could ...

ENTRY 3 Percentage error

Worked example

Measured 9.5 m/s^2 , accepted 9.8 m/s^2 .Difference = 0.3 m/s^2 . $0.3 \div 9.8 \times 100 = \text{about } 3\%$

Our numbers

Measured _____

Accepted _____

Difference _____

difference $\div$ accepted $\times 100 =$ _____

What this tells us about the result

ENTRY 4 Kind and specific

WEAK
"It was fine."

STRONG
"Your table had units in every heading, which made the readings easy to follow."

I NOTICED THAT ...

THIS HELPED BECAUSE ...

NEXT TIME YOU COULD ...

ENTRY 5 Author reply

What I will change

A question I want to ask my reviewer
