

Practical Marking Grid

Competency		Practical Mastery:	Exceeds	Meets	Partial	No Evidence	N/A
			1	2	3	4	N/A
1	Follow written procedures	Correctly follows instructions to carry out the experimental techniques or procedures.	1	2	3	4	N/A
2	Applies investigative approaches and methods when using instruments and equipment	Correctly uses appropriate instrumentation, apparatus and materials (including ICT) to carry out investigative activities, experimental techniques and procedures with minimal assistance or	1	2	3	4	N/A
		Carries out techniques or procedures methodically, in sequence and in combination, identifying practical issues and making adjustments when necessary.	1	2	3	4	N/A
		Identifies and controls significant quantitative variables where applicable, and plans approaches to take account of variables that cannot readily be controlled.	1	2	3	4	N/A
		Selects appropriate equipment and measurement strategies in order to ensure suitably accurate results.	1	2	3	4	N/A
3	Safely use a range of practical equipment and materials	Identifies hazards and assesses risks associated with these hazards when carrying out experimental techniques and procedures in the lab or field.	1	2	3	4	N/A
		Uses appropriate safety equipment and approaches to minimise risks with minimal prompting.	1	2	3	4	N/A
		Identifies safety issues and makes adjustments when necessary.	1	2	3	4	N/A
4	Makes and records observations	Makes accurate observations relevant to the experimental or investigative procedure.	1	2	3	4	N/A
		Obtains accurate, precise and sufficient data for experimental and investigative procedures and records this methodically using appropriate units and conventions.	1	2	3	4	N/A
5	Researches, references and reports	Uses appropriate software and/or tools to process data, carry out research and report findings.	1	2	3	4	N/A
		Sources of information are cited demonstrating that research has taken place, supporting planning and conclusions.	1	2	3	4	N/A
Target(s) for improvement:							Acted upon (tick):