16-18 years

# Practical skills tracking







rsc.li/3J1Ve1T

# Use these tools to help you to ...

- 1. Obtain clear, meaningful feedback on your competency in specific practical skills.
- 2. Track your progression through practical activities.
- 3. Understand how to improve your competency in a specific practical skill.

## CPAC 2a

Correctly uses appropriate instrumentation, apparatus and materials (including ICT) to carry out investigative activities, experimental techniques and procedures with minimal assistance or prompting.

## CPAC 2b

AIM

Carries out techniques or procedures methodically, in sequence and in combination, identifying practical issues and making adjustments when necessary.

NIA

# CPAC 2c

Identifies and controls significant quantitative variables where applicable, and plans approaches to take account of variables that cannot readily be controlled.

# CPAC 1a

Correctly follows instructions to carry out the experimental techniques or procedures.

# CPAC 5b

Sources of information are cited demonstrating that research has taken place, supporting planning and conclusions.

# CPAC 5a

Uses appropriate software and/or tools to process data, carry out research and report findings.

# CPAC 4b

Obtains accurate, precise and sufficient data for experimental and investigative procedures and records this methodically using appropriate units and conventions.

# CPAC 4a

Ν

 $\forall / N$ 

Makes accurate observations relevant to the experimental or investigative procedure.

Uses appropriate safety equipment and approaches to minimise risks with minimal prompting.

# CPAC 2d

Selects appropriate equipment and measurement strategies in order to ensure suitably accurate results.

# CPAC 3a

Identifies hazards and assesses risks associated with these hazards when carrying out experimental techniques and procedures in the lab or field.

# CPAC 3b

# **CPAC** overview

- Follows written procedures
- Applies investigative approaches and methods when using instruments and equipment
- 3. Safely uses a range of practical equipment and materials
- Makes and records observations
- Researches, references and reports

Key			
Α	Achieved		
Р	Partially achieved but with minor areas for work		
N	Needs improvement		
N/A	Does not apply to this practical group		

Record		Key notes
Practical group:	What are the important things to remember when doing this style of practical?	
Individual practical activity Date		
Reflection and targets		

What went well? Which skills have you developed in this group of practicals? What aspect of your work and write-ups are you most proud of?

**Targets** Which areas do you need to improve on? Is there a specific skill you are still uncertain about? Which CPACs do you need to work on?

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NIA

MIA

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Correctly follows instructions to carry out the experimental techniques or procedures.

Sources of information are cited demonstrating that research has taken place, supporting planning and conclusions.

Uses appropriate software and/or tools to process data, carry out research and report findings.

Obtains accurate, precise and sufficient data for experimental and investigative procedures and records this methodically using appropriate units and conventions.

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Skills overview

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