

# Transition task

## SUBJECT: BTEC Science

**Exam board:** Pearson Edexcel

**Website:** <https://qualifications.pearson.com/en/qualifications/btec-nationals/applied-science-2016.html>

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### Scenario

You are a senior technician for a large science-based organisation that is opening a new laboratory and needs to recruit a new senior technician. You have been asked to provide some information that a non-technician can use when considering applications and interviewing candidates for the new role.

### Task

Research and produce a report of 3 Practical Scientific Procedures and Techniques. Any information gathered needs to be referenced correctly

(<https://www.skillsyouneed.com/learn/academic-referencing.html> for help).

1. Titration of an acid and a base
2. Colorimetry of copper sulfate solution
3. Paper chromatography of leaf pigments

You must explain

- The general step by step method
- Any hazards associated with the procedure and necessary control measures to reduce any risks.

You may use pictures/diagrams to support your methods, however all pictures used should be referenced.