

AQA GCSE Separate Sciences – Required Practicals Revision Checklist

Use this checklist to review all required practicals for AQA Separate Sciences. Tick each column as you revise: describe the method, explain the results, and apply it in exam questions.

Biology

Practical	Can I describe it?	Can I explain the results?	Can I apply it in exam questions?
Microscopy	☐	☐	☐
Microbiology (culturing bacteria)	☐	☐	☐
Osmosis in potatoes	☐	☐	☐
Enzymes – effect of temperature/pH	☐	☐	☐
Photosynthesis – light intensity	☐	☐	☐
Reaction times	☐	☐	☐
Field investigations (quadrats and transects)	☐	☐	☐
Decay	☐	☐	☐
Food tests	☐	☐	☐
Plant responses	☐	☐	☐

Chemistry

Practical

Can I describe it?

Can I explain the results?

Can I apply it in exam questions?

Making salts

☐
☐
☐

Titration

☐
☐
☐

Electrolysis

☐
☐
☐

Temperature changes
(exothermic/endothermic)

☐
☐
☐

Rates of reaction

☐
☐
☐

Chromatography

☐
☐
☐

Water purification

☐
☐
☐

Chemical cells

☐
☐
☐

Physics

Practical

Can I describe it?

Can I explain the results?

Can I apply it in exam questions?

Specific heat capacity

☐
☐
☐

Thermal insulation

☐
☐
☐

Resistance of a wire

☐
☐
☐

I-V characteristics

☐
☐
☐

Density

☐
☐
☐

Force and extension

☐
☐
☐

Acceleration ($F=ma$)

☐
☐
☐

Waves (ripple tank)

☐
☐
☐

**Light
(refraction/reflection)**

☐
☐
☐

**Radiation and
absorption**

☐
☐
☐

