



Spectrophotometry Enrichment Box

This kit was developed as an enrichment activity for your students. The equipment was donated to our department. I hope the activities found in this binder will enhance your lesson and further support, the teaching and learning that is occurring in your classroom each day.

Available equipment and materials (for all lessons)

Bromothymol blue (BTB) stock solution (0.04%); absorbance peak at 207 nm.

Cuvettes

Beral pipet or 1000 μ L micropipettor

Spectrophotometer or SpectroVis Pro

Test Tubes

UV beads

Pipe cleaner or ribbon

Worksheets

Sunscreen

UV flashlight

Beakers and/or cups

[Equipment Checkout form](#)

[Loan Agreement form](#)