

From *Education
in Chemistry*

rsc.li/2Zs43di

Escape the classroom - colour changes

Adrian Allan



eic

Puzzle 1

Acid and indicator

Use your brain and eyes

Four white powders

Which will neutralise?

Puzzle 2

Acidified permanganate

Gives a nice pink hue

Solution will decolourise

If you add iron (II)!

Puzzle 3

Starch and iodine

Make a nice dark blue

Add some vitamin C

Then code you will view

Puzzle 4

Alkali + indicator

Give a shade of pink

Which will neutralise?

Look and have a think!

Puzzle 5

Titrate the acid with base

Add the drops with care

Endpoint shows the code

Add too much beware!