

Algorithms and debugging: unplugged to sequenced

technology

What you need: task prompt cards (library sort, PE line, plant care, pack away art) · blank step cards or paper strips · pencils · classroom plant, watering can and tray · story books for library-sort groups · empty or sealed paint pots and art tray for pack-away-art groups

Words to use

Algorithm · Abstraction · Bug · Debugging

Our question

Can we write precise steps for a real classroom job, spot a deliberate bug in another group's steps, and fix it so the job works?

I predict...because...

Algorithm

Bug found

Improvement

What bug did you find in the other group's steps?

What fix made the job work again?

Which detail did you wisely leave out?

