

Account Lockdown Escape Room

Ages 11–14 · team puzzle pack

A student's school project sharing account has been taken over by an unknown user. Your team must solve five security puzzles to reclaim control and lock the account down. Work together to crack the codes before the timer runs out.

1

Which of these is the strongest password, and why: "Pa\$\$word1", "liverpool2024", or "otter-lantern-cactus"?

2

You receive a code on your phone to log in, but you did not ask for it. A message asks you to share it. What safety feature is this?

3

An urgent email says your account will be deleted in ten minutes unless you click a link immediately. What type of scam message is this?

4

Look closely at these three web addresses: school-portal.com, schoolportal.net, and schooll-portal.co.uk. Which address has a hidden spelling mistake designed to trick you?

5

To stop strangers from seeing your personal posts and photos, which profile settings should you change from public to private?

Final fix: Tell a trusted adult immediately and use the official help page of the website to recover the account safely.

- Puzzle 1:** otter-lantern-cactus: three random, unrelated words. Length and randomness beat swap
- Puzzle 2:** Two-factor authentication
- Puzzle 3:** Phishing
- Puzzle 4:** schooll-portal.co.uk
- Puzzle 5:** Privacy settings

For the teacher — this also covers:

Computing (passwords, two-factor authentication, phishing, web addresses, privacy settings); teamwork and problem-solving; logical reasoning.