

Exam escape

Introduction

To prepare for your upcoming exam, you have been tasked with breaking out of the lab. To be successful in your mission you must solve the clues, answer the chemistry questions and collect the keys.

Your task will not be easy; you must work as a team.

Instructions

1. Log onto a device and open the following SQA Higher chemistry past papers (or collect the paper copies provided): 2017, 2018, 2019, 2022, 2023.
2. Your teacher will give you the first clue. Solve the clue to reveal a number which corresponds to a multiple-choice question in the past paper noted on the clue.
3. Find the question and answer it correctly to get the next clue from your teacher.

There are 16 clues. You can only move onto the next clue when you have answered the corresponding past paper question correctly.

The first team to answer all the questions correctly will receive the keys, escape the lab and collect their prize!

Clue 1

How many pieces of fruit and veg are recommended per day?

(2019 paper)

Clue 2

Cheaper by the...

(2022 paper)

Clue 3

Beware of the bad golfer!

(2018 paper)

Clue 4

Adele's first album.

(2022 paper)

Clue 5

How many wonders of the world are there?

(2018 paper)

Clue 6

Cats have how many lives?

(2023 paper)

Clue 7

The number of protons in potassium.

(2018 paper)

Clue 8

How many electrons are in a full second shell?

(2019 paper)

Clue 9

November.

(2023 paper)

Clue 10

Countdown to Christmas...

(2019 paper)

Clue 11

How many suits in a pack of cards?
(2023 paper)

Clue 12

How many atoms in two sulfur molecules?
(2022 paper)

Clue 13

The number of carbons in decane.
(2019 paper)

Clue 14

How many friends did Snow White have?
(2023 paper)

Clue 15

(Blind Mice)²
(2017 paper)

Clue 16

That's plenty!
(2022 paper)