



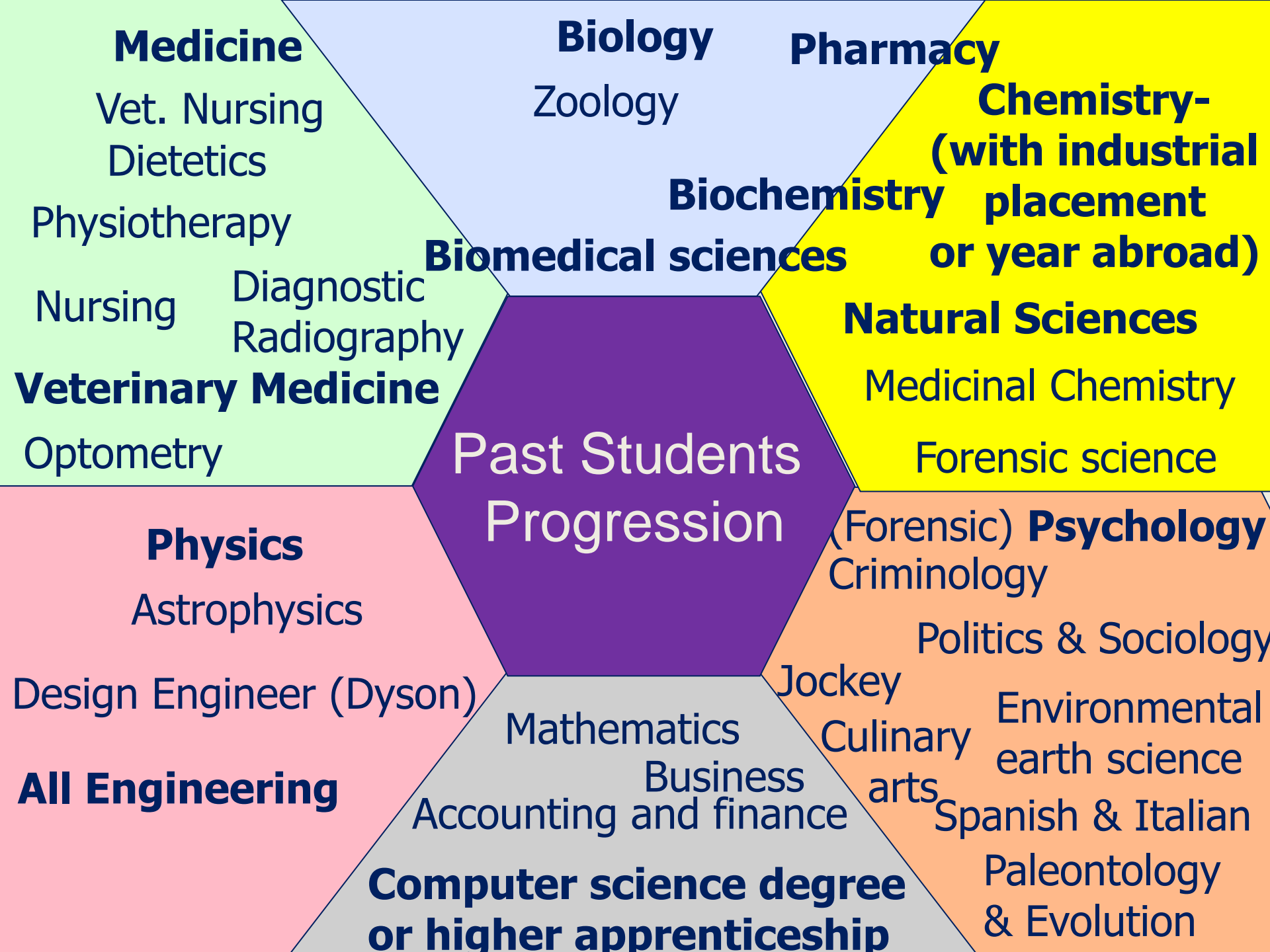
Chemistry Taster Session

**CHEMISTRY
IS**

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**Why
Chemistry?**





Why study Chemistry at Worcester College?



- New labs with high quality equipment.
- Lecturers are **highly qualified Chemistry specialists**-excellent subject knowledge.
- Lessons observed as good or **outstanding**.
- **A-level specialists**-teach A-level all day every day.
- Do not need to buy textbook or lesson resources.
- Can do **Chemistry Challenge/Olympiad** preparation sessions.



- Staff available via **e-mail** and **teams** between lessons.
- Support Workshops
- **Detailed Moodle site**; accessible anywhere.
- **Videos** of virtually all lessons.
- Well structured independent study

What our students say...

using molymods to visualise compounds

the lessons are fun

Quality of teaching

the fact that every lesson is available online

most things 😊

practicals

course content is taught in an interesting and fun way

What do you enjoy most in chemistry lessons?

teacher is always happy to help

quizzes

very interactive and includes everyone

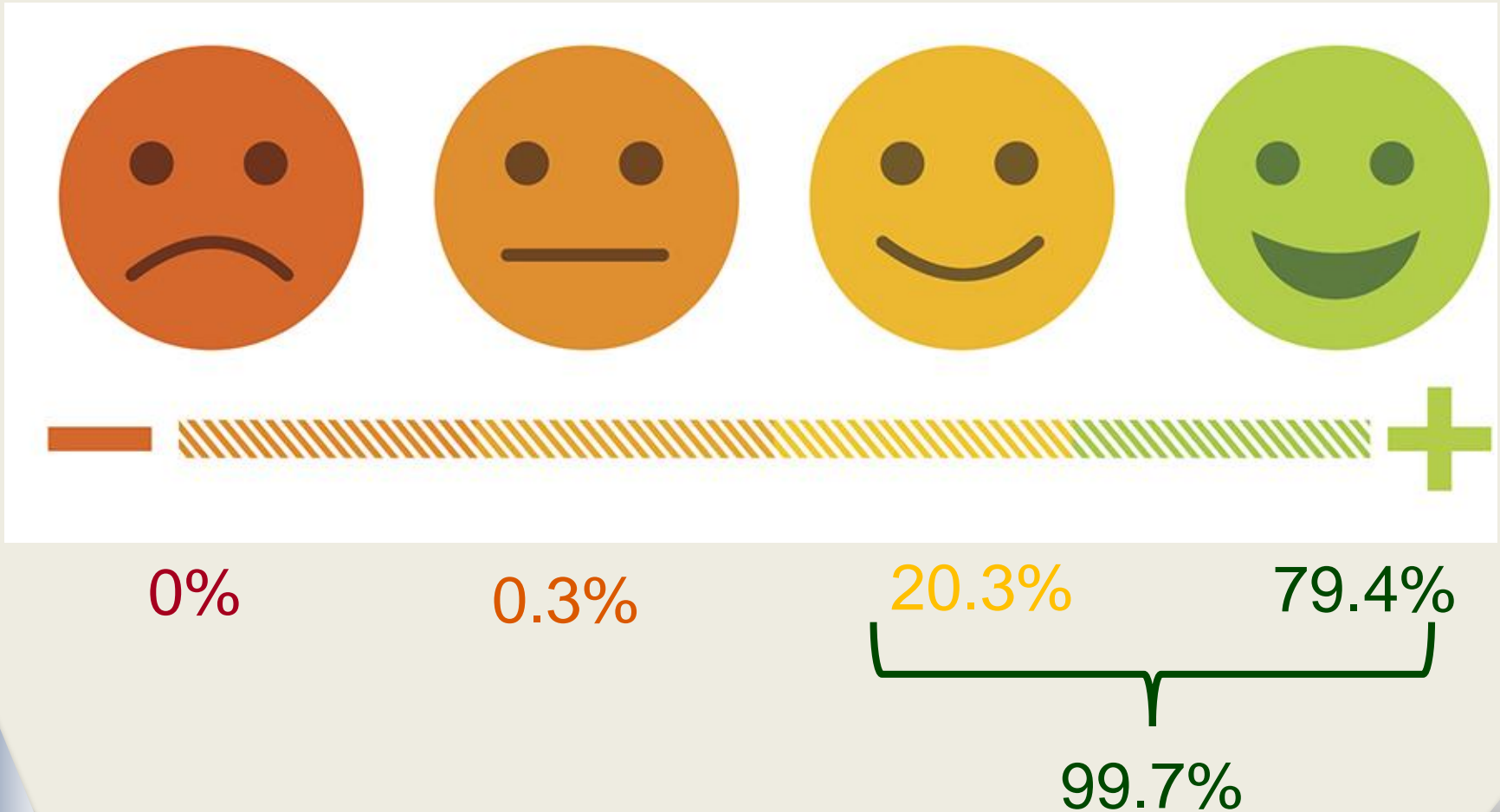
teacher is very inclusive & doesn't make you feel silly for not knowing things

teacher remembers if an individual struggles with something & helps them out individually

The positive atmosphere

Enthusiastic teaching

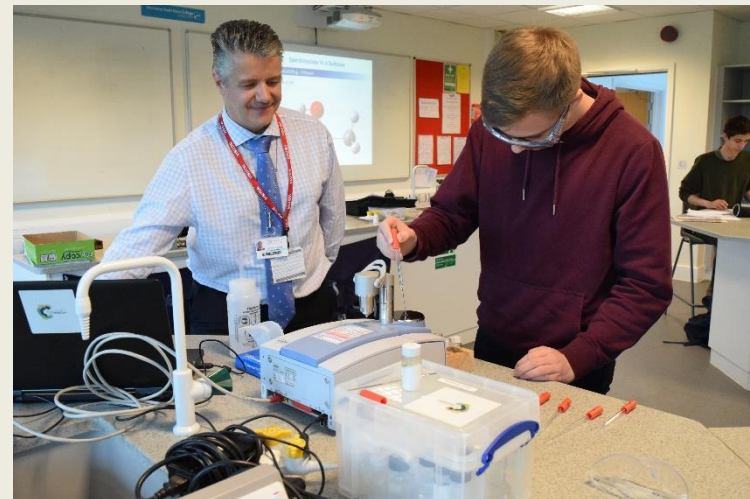
Excellent Student feedback



Opportunity to use a range of kit and do lots of practical's



- Spectroscopy in a suitcase
- Ice cream
- Distillation of cyclohexene
- Making nylon



Chemistry Challenge & Chemistry Olympiad enrichment





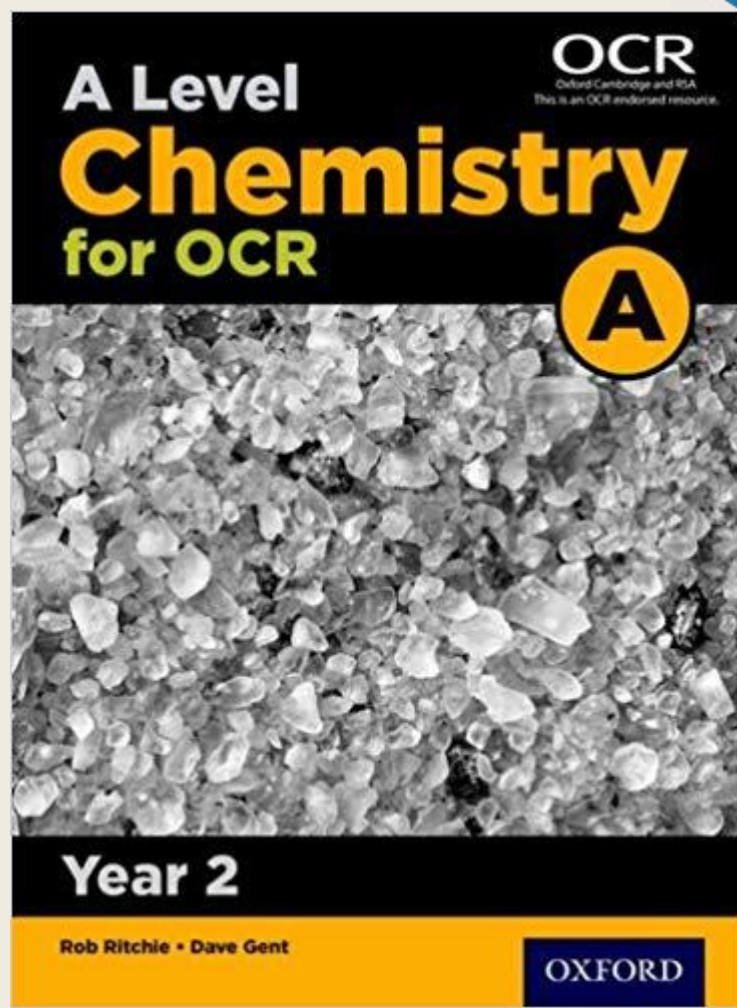
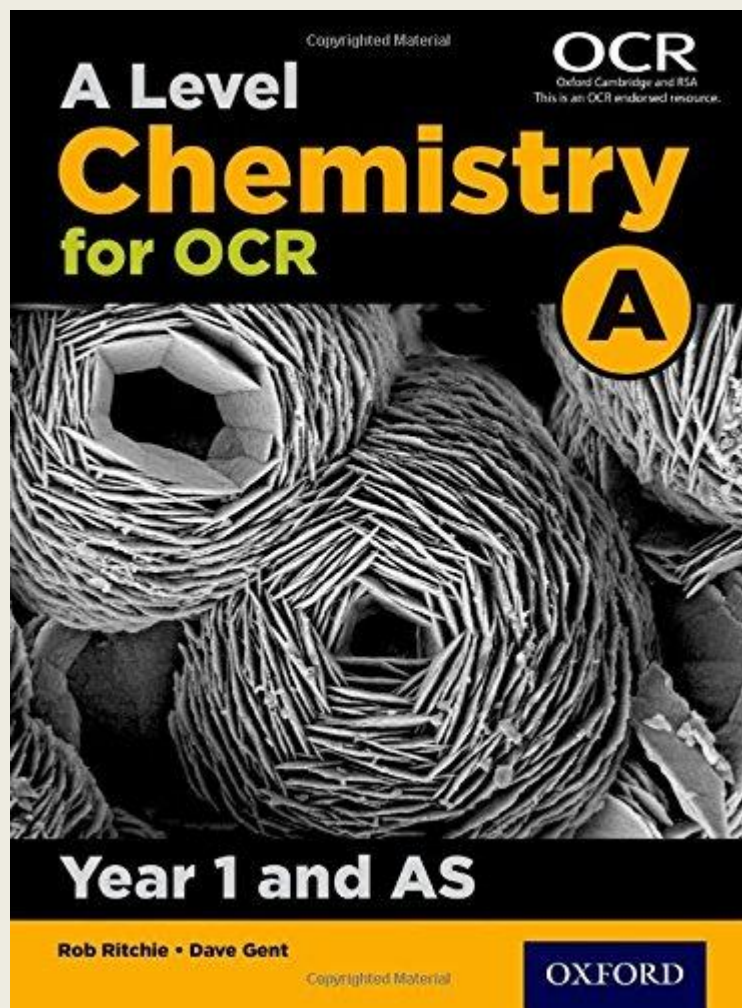
The Big Bang

UK Young Scientists & Engineers Fair

NEC, Birmingham



The syllabus is OCR *Chemistry A* (Code No H432)





Content of syllabus

Content Overview

Content is split into six teaching modules:

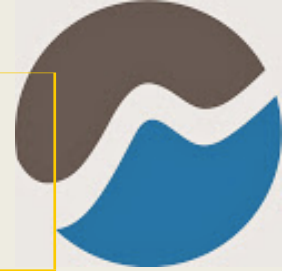
- Module 1 – Development of practical skills in chemistry
- Module 2 – Foundations in chemistry
- Module 3 – Periodic table and energy
- Module 4 – Core organic chemistry
- Module 5 – Physical chemistry and transition elements
- Module 6 – Organic chemistry and analysis

- More detail can be found on the Chemistry Bridging task:

<https://www.wsfc.ac.uk/wp-content/uploads/2021/05/Chemistry.pdf>

Module 1 will be throughout the 2 years

In September we will start with Module 2.



Assessment Overview

Periodic table, elements
and physical chemistry
(01)

100 marks

2 hours 15 minutes
written paper

37%

of total
A level

Unified chemistry
(03)

70 marks

1 hour 30 minutes
written paper

26%

of total
A level

Synthesis and
analytical techniques
(02)

100 marks

2 hours 15 minutes
written paper

37%

of total
A level

Practical
endorsement in
chemistry
(04)*

(non exam assessment)

Reported
separately

(see Section
5)

There will be tests throughout the 2 years, and an end of year 1 mock exam to help us give a predicted UCAS grade

Summer work



- Complete the Chemistry progression booklet, available on the Worcester sixth form college website: <https://www.wsfc.ac.uk/wp-content/uploads/2021/05/Chemistry.pdf>
- Section 2 = bridging tasks to complete that build on what you've covered at GCSE.
- Section 3=**A-Level Chemistry Baseline Assessment** must be handed in during your **first Chemistry lesson**.
- The rest are optional chemistry activities you might enjoy: films, books, TED talks.

Get enough sleep

Make flash cards as you go along



Advice from current students

Practicals are more fun than GCSE

Revise from the start

Don't worry you can do it!

Revise for every test because they are used for your predicted grades.

Don't procrastinate do homework straight away

Don't be afraid to ask your teacher for help

See you September.....



- Don't forget to follow the link in your e-mail for your next session