Implementing E-exams
The biochemistry experience
Oxford Teaching & Learning Symposium 2023

Mark Roberts

mark.roberts@bioch.ox.ac.uk

What did we deliver

Year 1 – Prelims exams

- 2 x Essay and SAQ papers per year

- 3 hrs

- Run a collection / mock

- Has drawn diagrams

Years 2/3 TSA exams

- Termly assessment of methodology and data handling

- Mixture of question types
  - SAQ
  - Hotspot
  - MCQ
  - Calculations

- 2 hrs

How did we deliver

2020/21:   BYOD and self scanned diagrams

2021/22:   Chromebooks in departmental room [have rooms can sit 60]

2022/23:   Chromebooks in exam schools scanned diagrams

Marking within inspera (no printing!) all years

College 'collection' run as a mock exam each year – *dept run college marked*

What we learnt

- Can deliver a variety of exams effectively – works well for our type of assessment.

- Possible for a dept to run as a collection and colleges mark – so distributed marking by student
- Able to distribute the marking by question easily too.
- Feedback from staff - Marking typed scripts is easier

- Diagrams – using scanned sheets via schools this year but overall able to manage hand drawn elements (In our own hands scanning didn't work)

- Chromebook solution works and is effective. BYOD had significant challenges

- The right infrastructure is critical for running this effectively