

Chemistry – Year 11 to 12 Transition Work.

1) Students should research and write an essay entitled:

‘The structure of the atom – from Thomson’s plum pudding model to the present day view.’

The essay should highlight the key scientists who made contributions in the development of our current understanding of atomic structure.

- What were the ideas they proposed?
- The experiments they performed and how it led to their theories and discoveries.
- The key terms below should be explained as part of the discussion:

Atomic number, mass number, electron, proton, neutron.

-What is an isotope?

-The essay should include appropriate diagrams to help with explanations along with a bibliography (Reference sources – books, internet sites etc).