

2023 Year 12 Pre-Joining Transition Tasks: A-Level Chemistry



Read:

<https://pmt.physicsandmathstutor.com/download/Chemistry/A-level/Notes/AQA/Physical-I/Detailed/1.1.%20Atomic%20Structure.pdf>

Read the notes on atomic structure detailing how electrons arrange in s, p and d orbitals

Write:

Submit the following to :

pstevens@holly-lodge.org

- Using the 'Read' task, compare knowledge about electron arrangement at GCSE with A level. Use this to explain why bromine is in group 7.
- Using the 'Listen' task construct a timeline showing key scientists involved in developing models of atomic structure detailing how their experimental evidence changed the accepted view
- Using the 'Watch' task explain in one paragraph what you understand by organic chemistry and how we represent organic molecules diagrammatically



Listen:

Listen to this podcast about different models of the atom over time and subatomic particles.



Watch:

https://www.ted.com/talks/jakob_magolan_a_crash_course_in_organic_chemistry

Watch this TED talk by Jakob Magolan explaining Organic Chemistry, molecules and representing them.

