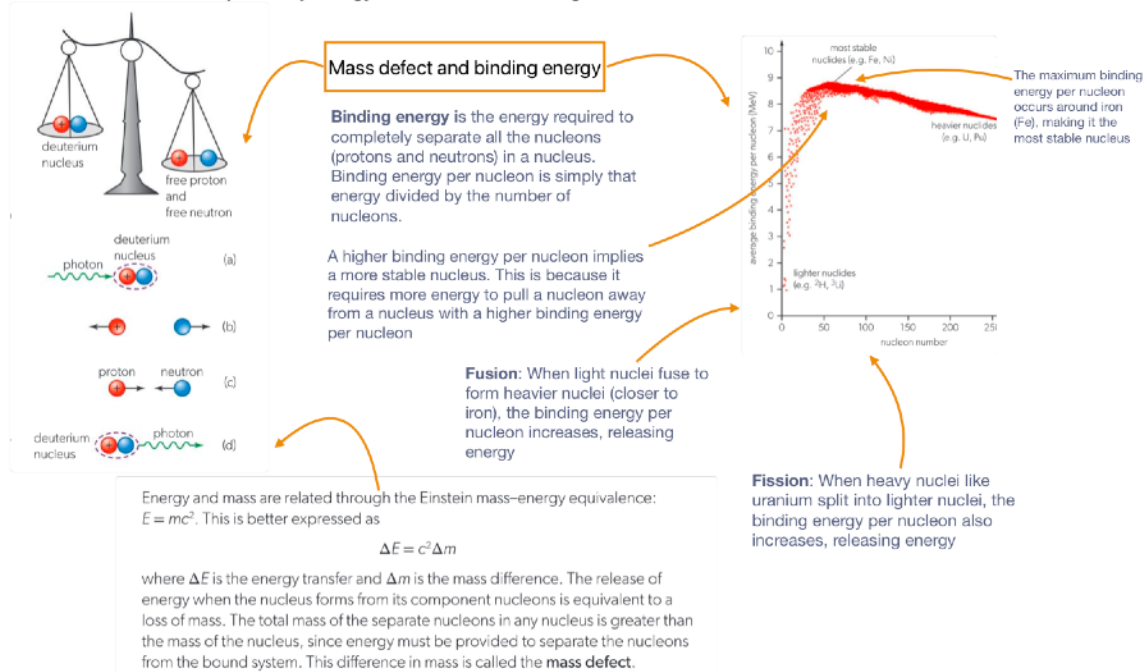


Learning experience - Representation

Explain why energy is released both during fusion and fission



Q1. Define binding energy using scientific terms

Q2 . Explain with the reference to binding energy, why fusion and fission both release energy.

Q3. Explain in brief using scientific terms the diagram to the right on binding energy

Q4. Explain in brief the diagram to the left regarding the mass of individual nucleons and their combined mass in the nucleus.

Q5. Explain (a) and (d) as shown in diagram on the left.

Reference

- Oxford IBDP Physics for 2025 exams