

Quarks and leptons

Specification reference	Checklist questions	
3.2.1.6	Can you describe the properties of quarks and antiquarks in terms of charge, baryon number, and strangeness?	<input type="checkbox"/>
3.2.1.6	Can you explain the combinations of quarks and antiquarks required for baryons (proton and neutron only), antibaryons (antiproton and antineutron only), and mesons (pion and kaon only)?	<input type="checkbox"/>
3.2.1.6	Can you show the decay of the neutron?	<input type="checkbox"/>
3.2.1.7	Can you explain the change of quark character in β^- and β^+ decay?	<input type="checkbox"/>
3.2.1.7	Can you apply the conservation laws for charge, baryon number, lepton number and strangeness to particle interactions, given the necessary data?	<input type="checkbox"/>
3.2.1.7	Can you recognise that energy and momentum are conserved in interactions?	<input type="checkbox"/>