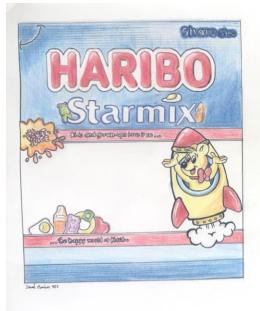
Students research Japanesse cardboard designer Monami Ohno and choose a product to accurately draw and model.







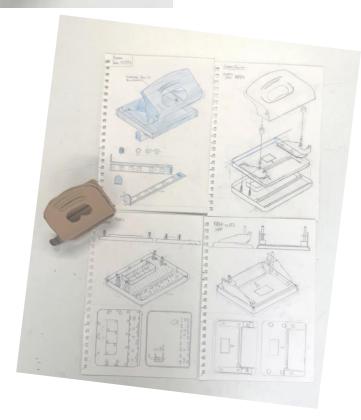


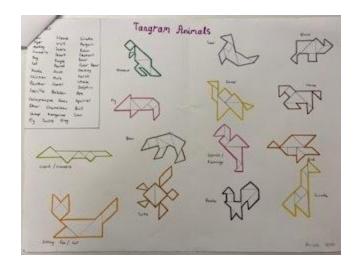
Cardboard modelling assessed for complexity and accuracy, using appropriate tools and equipment.

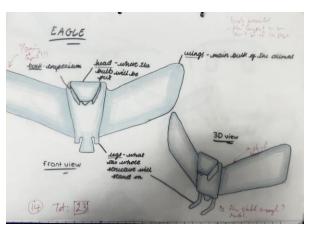
Dynamic modelling and reverse engineering:

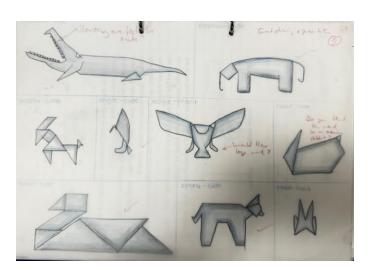
For this task students were told to disassemble either a hole punch or stapler to accurately draw and model its components.

Technical drawings produced are exploded isometric views and orthographic projections.







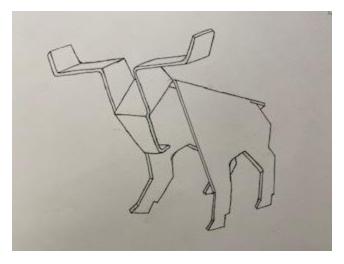


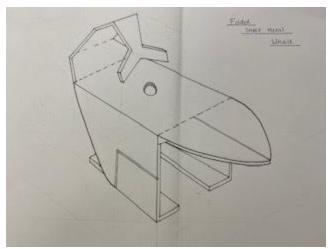


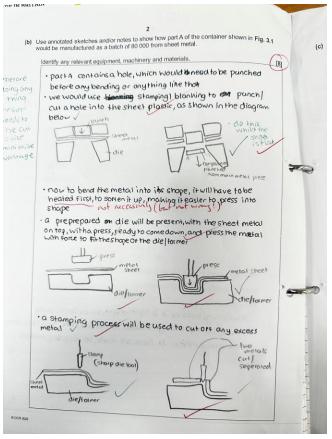
Y10 "Alimals" Project Students are asked to design a nightlight to be manufactured from a single sheet of aluminium.

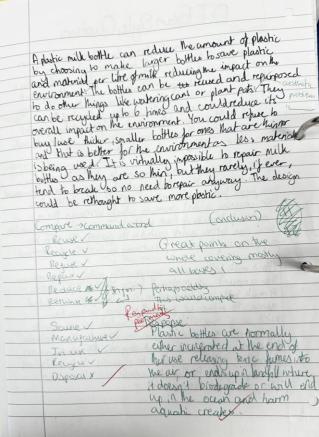
Feedback from teachers can be given on tracing paper to avoid marking drawings with red pen.. Theory on metal manufacturing is taught along side this.

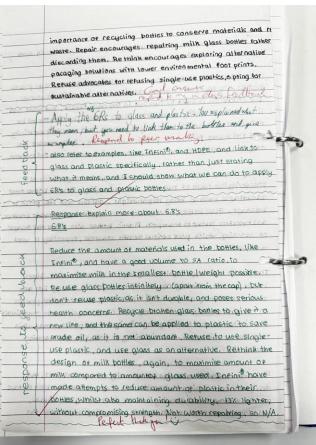


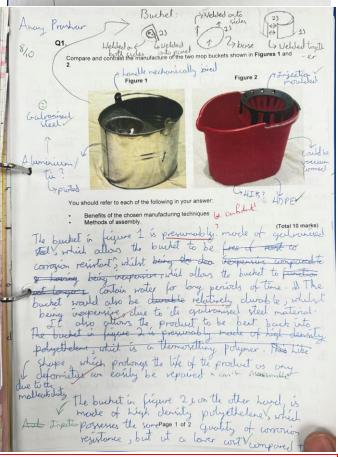












Y10 Knowledge and understanding are checked with low stakes exam style questions with feedbacking coming from teachier marking, self marking using published mark schemes and peer marking. Students make note in green pen to correct or expand on answers.

This also builds exam technique.