

Go2 PROJECT | MAKING A FORMING JIG

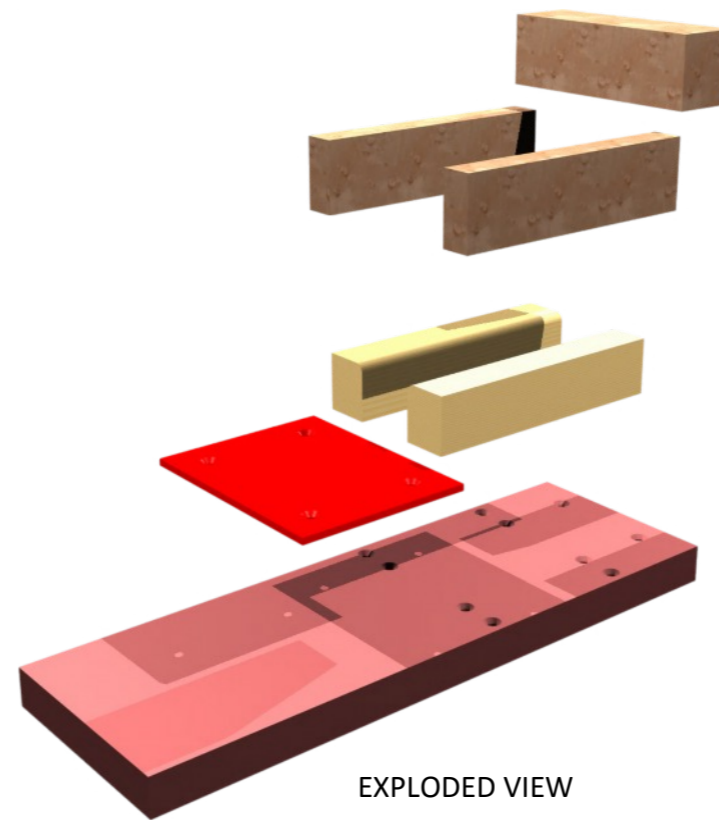
To support the Go2 Project on pages 170-180

FORMING THE WALL BRACKET

The Earphone Winder, like all products, has been designed and drawn in order to be manufactured. Making the link between production drawings and their importance to manufacturing is a vital aspect of a student's experience in graphic communication. In schools we now have the means to demonstrate this through the use of CNC machinery.

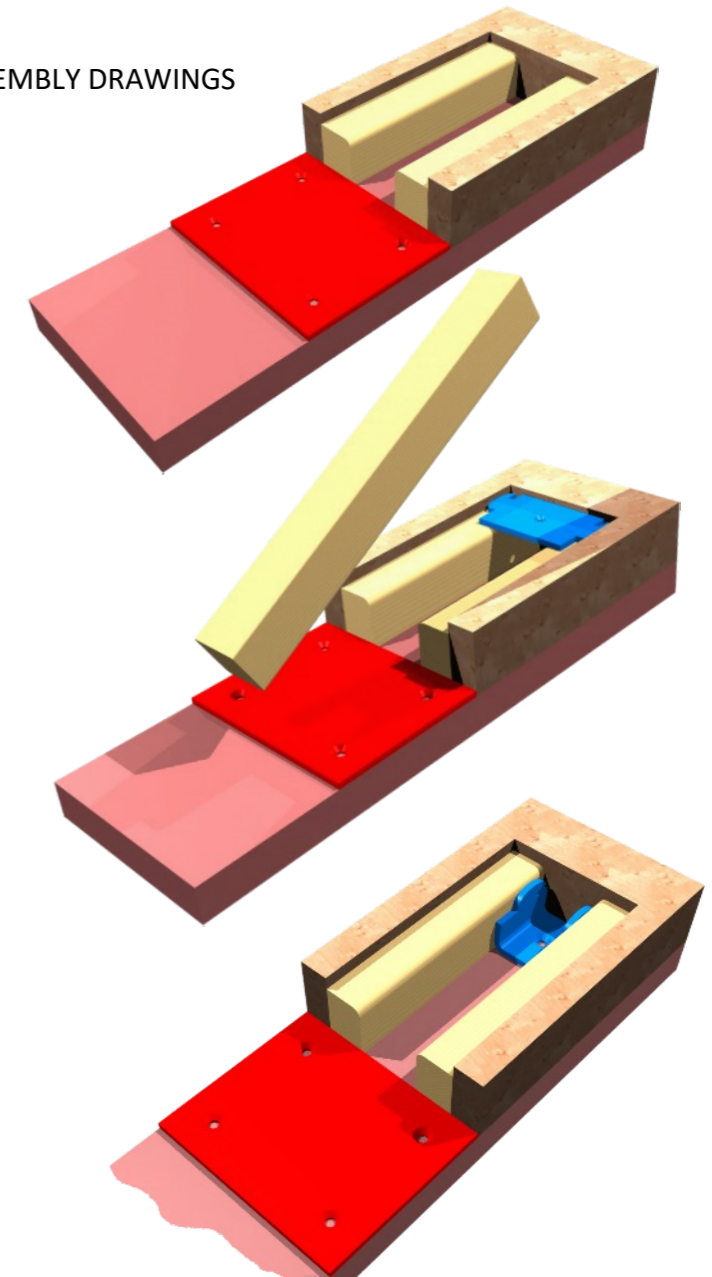
Both the winder plate, which your students have designed themselves, and the wall bracket can be cut from acrylic using a Laser Cutter. The trickiest part of the process for students is bending the wall bracket so that it fits in the slots in the earbud winder plate. The drawings on this page enable you to build a forming jig that will save your students time and eliminate folding errors during manufacture.

The sizes shown on the drawings below are the functionally important sizes. The other dimensions can be devised to suit the materials you have in school. The assembly is screwed together.



EXPLODED VIEW

ASSEMBLY DRAWINGS



FORMING JIG

Heat the acrylic bracket in the oven at 160°. Place the bracket in the jig.

Press to the bottom of the jig using the former.

FORMER