

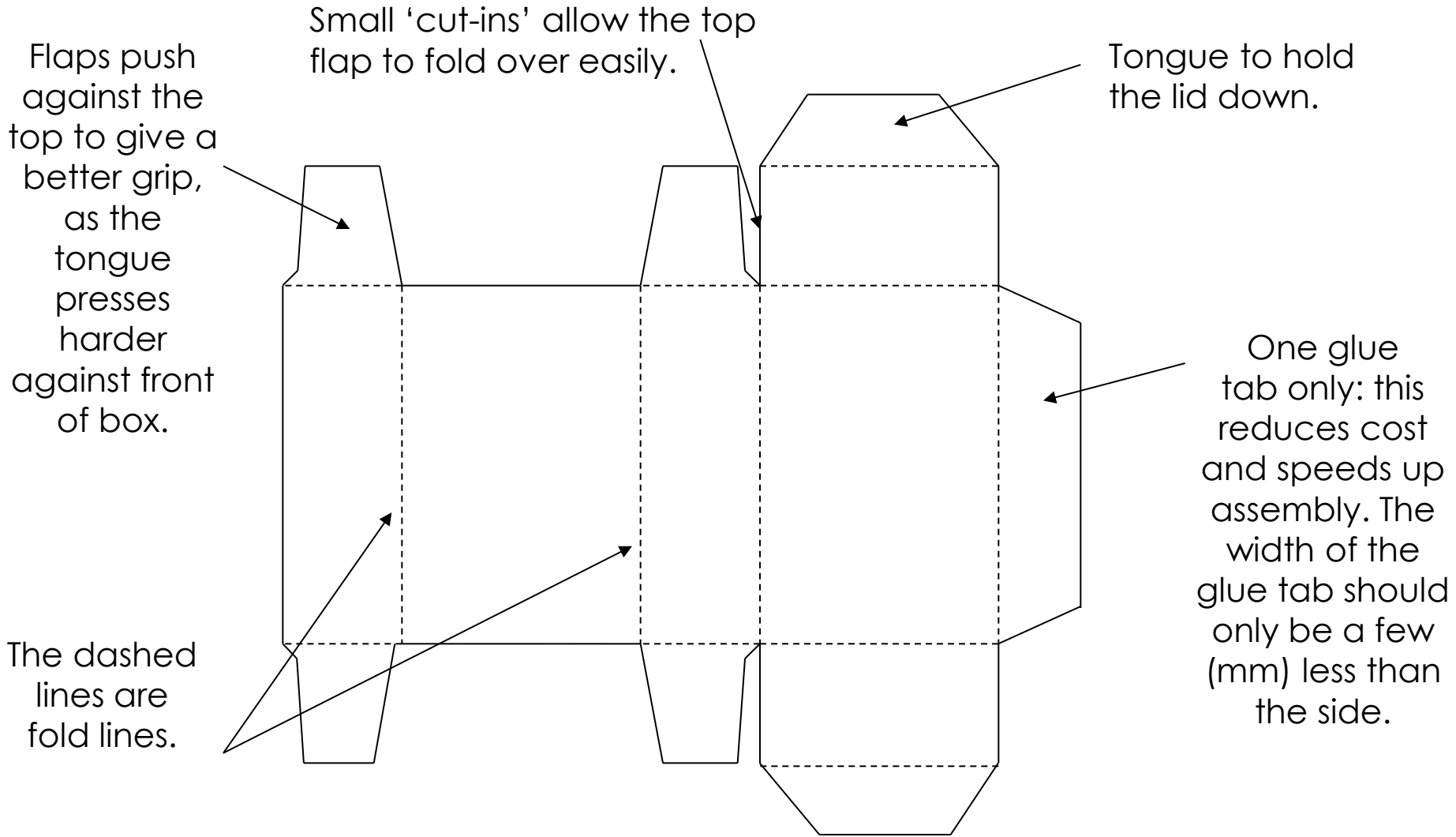


Flat Packed Charity Collection Boxes.

GCSE Product Design
Maximising exam success.

Packaging & nets.

Example of a surface development (net)

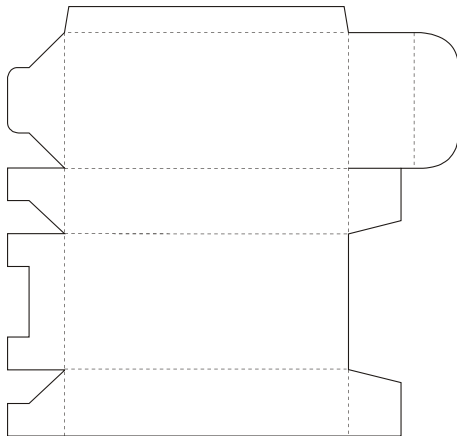
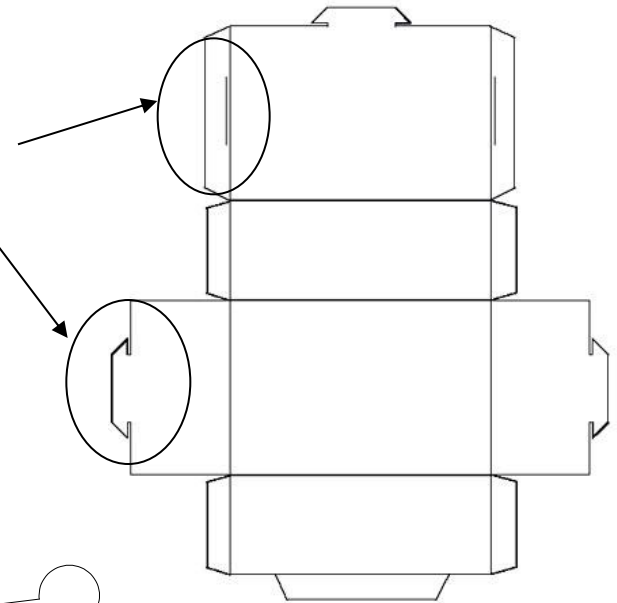


Self-locking boxes

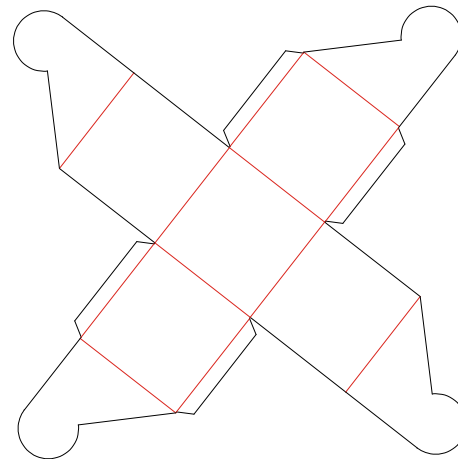


A complete self-locking box.
 These can be used for packaging heavier objects.

An example of a simple locking mechanism.

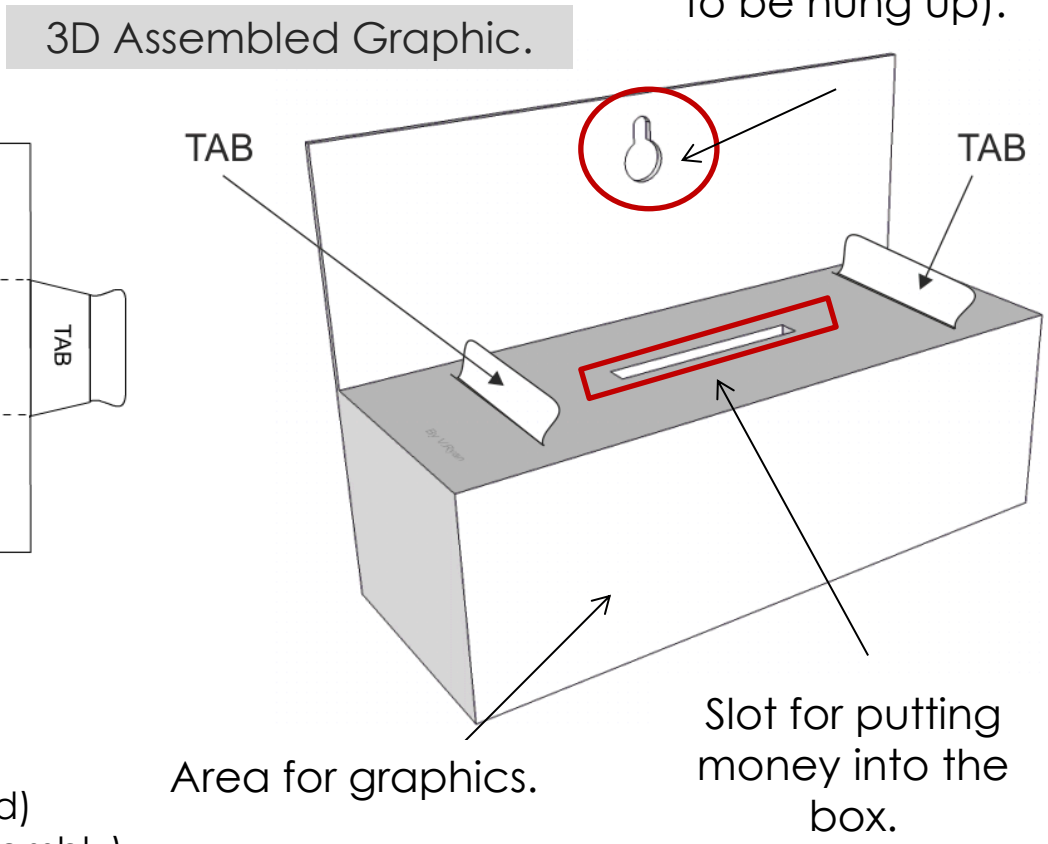
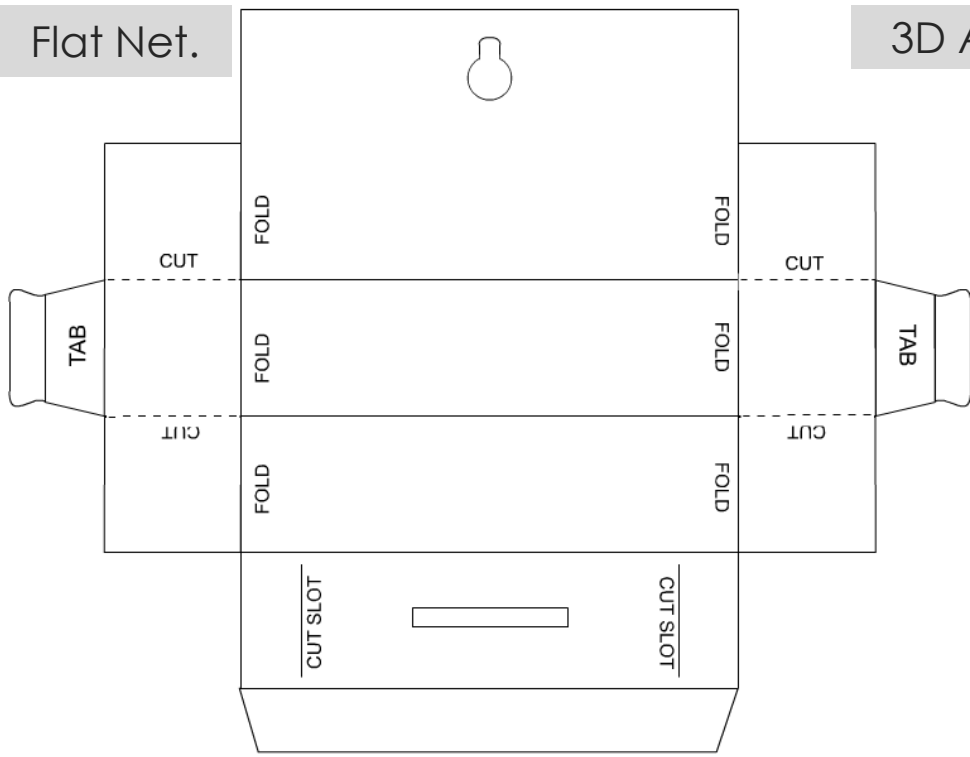


Crash bottom and interlocking containers.



A basic card charity collection box is drawn below, in 3D and as a development/net. The development/net folds to form the collection box, with the two 'tabs' passing through the 'slots', holding the box together.

Although this is a basic 'box', graphics and colour can be added to suit the charity, giving a more interesting and eye catching collection box.



----- = Score (Allowing the net to be folded)
 _____ = Cut (Net areas to be cut out for assembly)

PRODUCT RESEARCH – I've assembled the net.

Simple (silhouette logo visible to represent the Charity.

Simple – easily recognisable. Could be resized and still be read.



Lithography printing technique used if made to a mass scale.

This product would be manufactured 100,00's and posted flat packed to those who wish to donate.

Solid whiteboard used for a vibrant print. Whiteboard = strength, vivid printing/true colours.



Laminated surface for water resistance and durability.

PLEASE DONATE HERE applied using a contrasting colour scheme/easy to read font.

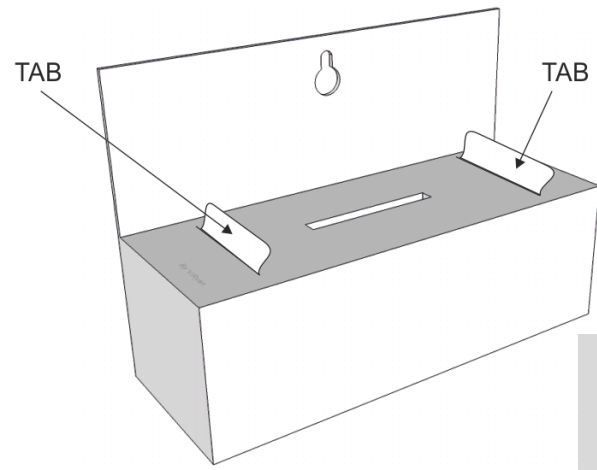
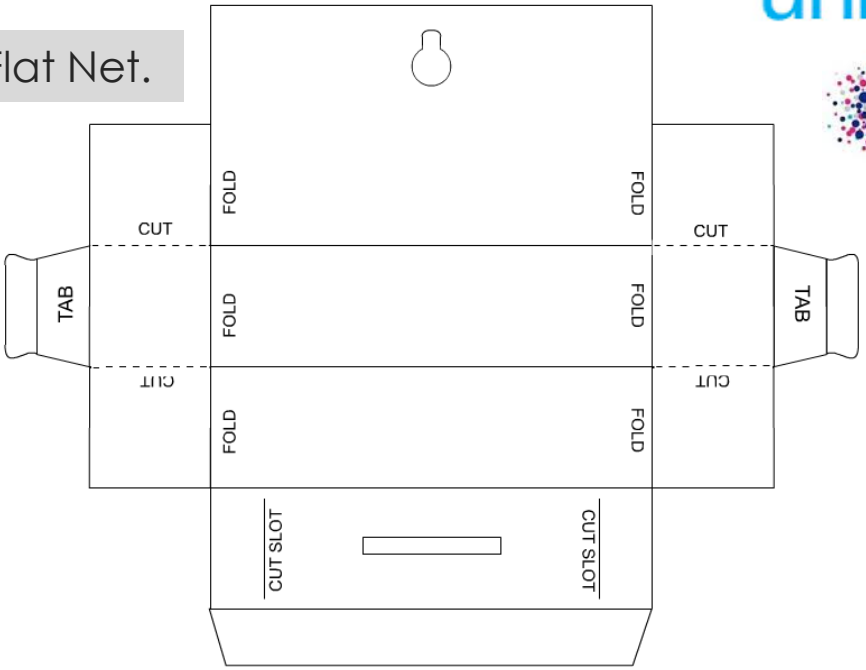
Using the cardboard template I would like you to carefully cut out and assemble the box.

I would like you to apply graphics to the box for your picked charity. Applying graphics will allow you to understand which direction the text should go as it is easy to draw it on your flat net and when assembled it is **UPSIDE DOWN**.

Charities to choose from.



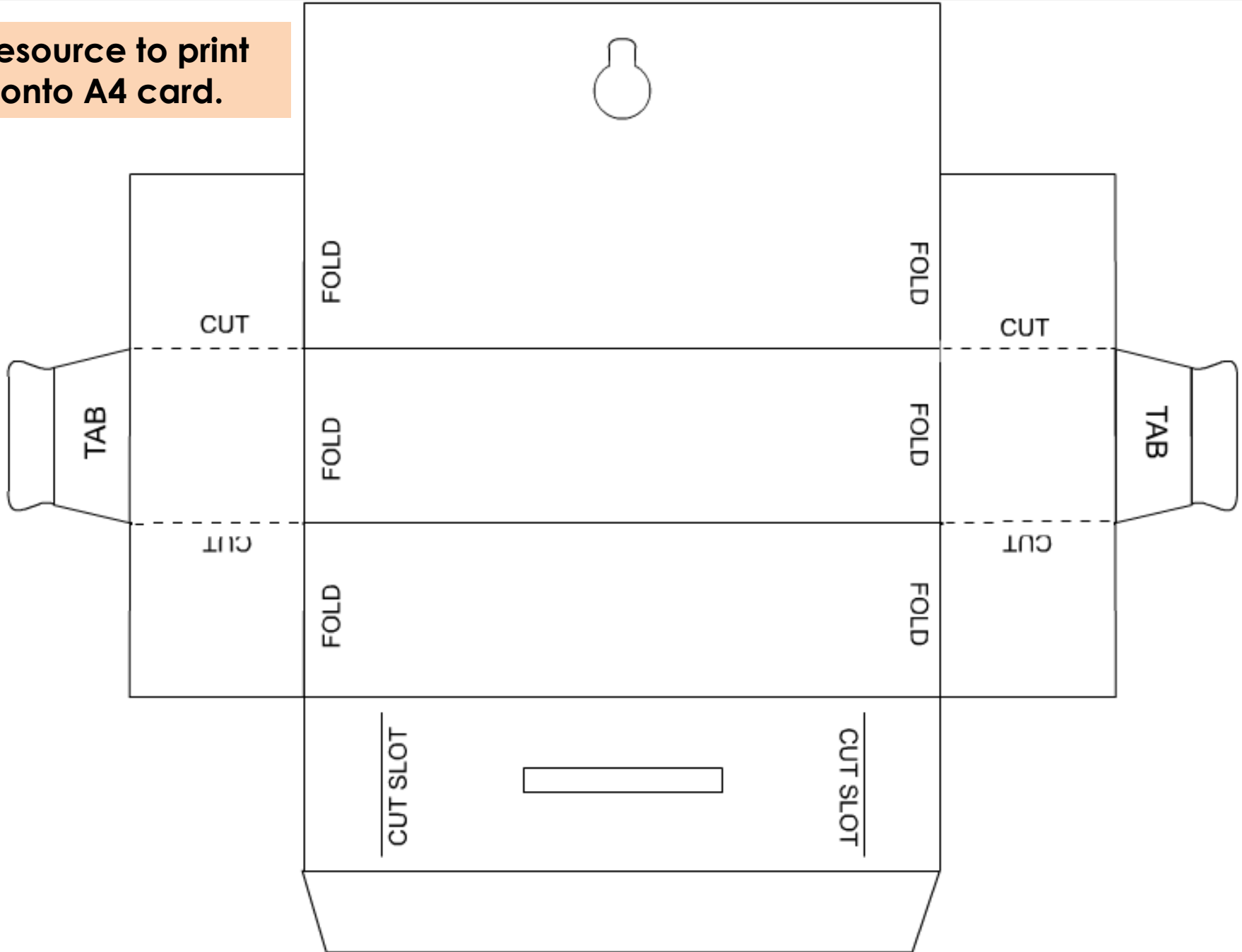
Flat Net.

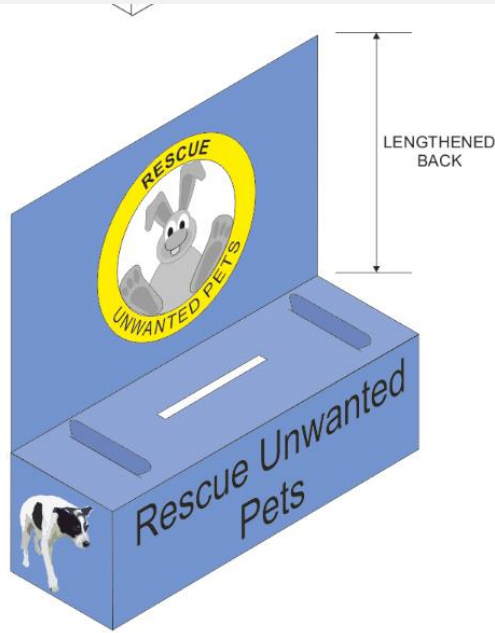


How the box should look when assembled.

----- = Score (Allowing the net to be folded)
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Resource to print onto A4 card.





The 3D sketch of a charity collection box is seen below.

Complete the isometric drawing of the collection box. You will need to estimate some measurements.

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Resource to download.

http://www.technologystudent.com/pd_f9/char3.pdf