

GCSE Graphic manufacturing techniques

Manufacturing techniques This sheet will contain Manufacturing techniques of how your final product would be made in industry (Vacuum forming, types of printing, barcodes). Depending on your product you may only include sections of the information below. On this sheet you should consider:

- **Which printing will you use?**
 - Relief printing - block printing, letterpresses, flexography.
 - Intaglio printing - gravure.
 - Screen printing.
 - Planographic - lithography.
 - Dry printing.
 - Laser printers.

Find printing information here: -

<http://www.bbc.co.uk/schools/gcsebitesize/design/graphics/mechanismfinishprintrev1.shtml>

(See page 42 of your revision guide). Only include the aspects that your product will use.

- **What CAD / CAM will be used?**
 - Spreadsheets.
 - DTP.
 - Graphic packages.
 - Laser cutter.

Find CAD/CAM information here: -

<http://www.bbc.co.uk/schools/gcsebitesize/design/graphics/evaluationictrev4.shtml>

(See page 47 - 50 of your revision guide). Only include the aspects that your product will use.

- **How will it be manufactured industry?**
 - Injection molding.
 - Extrusion.
 - Blow molding.
 - Compression molding.
 - Rotational molding.
 - Vacuum forming.
 - Line bending.
 - Calendaring.

(See page 65 - 66 of your revision guide). Only include the aspects that your product will use.

- **Environmental issues.**

Find environmental issues here: -

<http://www.bbc.co.uk/schools/gcsebitesize/design/graphics/packagingsafetyetcrev4.shtml>

- **Page number, title and your name.**