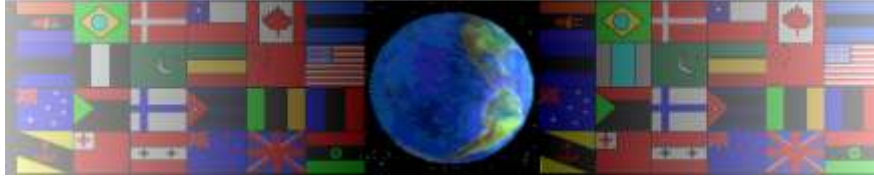


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On behalf of The World Association of Technology Teachers

W.A.T.T.



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COMPUTER INTEGRATED MANUFACTURE

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Using the blank six stages below - draw/sketch a diagram that represents each stage of manufacturing the CD/DVD storage unit .The written detail has already been included.

1. A DVD / CD STORAGE UNIT IS DESIGNED USING CAD (COMPUTER AIDED DESIGN SOFTWARE).

2. A PROTOTYPE / ACCURATE MODEL OF THE DVD STORAGE UNIT IS MANUFACTURED ON A 3D PRINTER.

3. MATERIALS ARE ORDERED AUTOMATICALLY BY THE COMPUTER SYSTEM.

4. COMPUTER CONTROLLED INJECTION MOULDING MACHINES ARE USED TO MANUFACTURE THE DVD STORAGE UNITS.

5. THE COMPUTER SYSTEM MONITORS THE QUALITY OF THE PRODUCTS MANUFACTURED.

6. THE FINISHED ITEMS ARE PACKAGED AND STORED FOR DISTRIBUTION TO CUSTOMERS. AN AUTOMATED PROCESS.