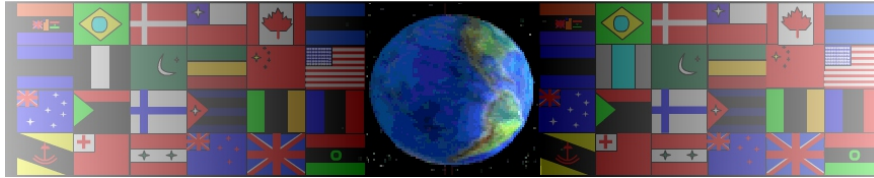


REVISION CARDS 1

V.Ryan © 2000 - 2013

On behalf of The World Association of Technology Teachers

W.A.T.T.



World Association of Technology Teachers

This exercise can be printed and used by teachers and students. It is recommended that you view the website (www.technologystudent.com) before attempting the design sheet .

THESE MATERIALS CAN BE PRINTED AND USED BY TEACHERS AND STUDENTS.
THEY MUST NOT BE EDITED IN ANY WAY OR PLACED ON ANY OTHER MEDIA INCLUDING WEB SITES AND INTRANETS.
NOT FOR COMMERCIAL USE.
THIS WORK IS PROTECTED BY COPYRIGHT LAW.
IT IS ILLEGAL TO DISPLAY THIS WORK ON ANY WEBSITE/MEDIA STORAGE OTHER THAN www.technologystudent.com

QUALITY ASSURANCE

Administrative system (paper work).

Includes: staff training, surveying customers regarding the quality of the product. Monitoring workers checking the quality of manufacture on the production line.

QUALITY CONTROL

Quality checks by the workers on the production line.

Testing the product to see that it works properly.

Visual checks and computer / sensor checks.

Courtesy of www.technologystudent.com

PRODUCTS AND QUALITY STANDARDS



The following quality checks were made on the chair whilst being manufactured

Stability, must not topple over.
Joints and fixings, strong and do not break.

Quality of finish, colour is high quality and finish smooth and polished.

Paint, Covers all the frame, smooth, quality finish.

Courtesy of www.technologystudent.com

TOLERANCE

Checking that a product is manufactured within an upper and lower limit.

Example: Thousands of steel bolts are manufactured by a company. Samples are checked that they are the correct size. Each bolt must fall within a maximum and minimum length.

The tolerance of the bolt is said to be:

$$80.5\text{mm} \begin{array}{l} + 0.5\text{mm} \\ - 0.5\text{mm} \end{array}$$

Courtesy of www.technologystudent.com

BRITISH STANDARDS INSTITUTE KITE MARK



Can be stamped on products tested to high British standards.

Tests carried out by the British Standards Institute (BSI)

Regarded as a Quality and Safety mark.

Courtesy of www.technologystudent.com

CONFORMITE EUROPEAN SYMBOL



Stamped on products tested to the minimum standard set by the EEC.

Applies to products in the European Community

Manufacturers must ensure that their products at least meet these minimum standards or risk having their products removed from the shelves of retailers throughout Europe.

Courtesy of www.technologystudent.com

HOW THE BRITISH STANDARDS KITE MARK DIFFERS FROM THE CONFORMITE EUROPEAN SYMBOL

To achieve the **British Standards** Institute Kite Mark, high standards of manufacture, safety and quality must be reached and maintained.

However, the **Conformite European Symbol** can be applied to products reaching minimum European standards.

Courtesy of www.technologystudent.com