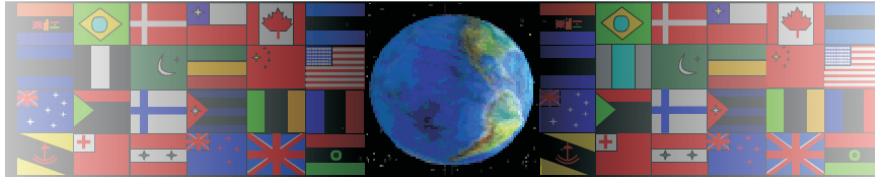


PRODUCT COMPARISON

V.Ryan © 2000 - 2008

On behalf of The World Association of Technology Teachers

W.A.T.T.



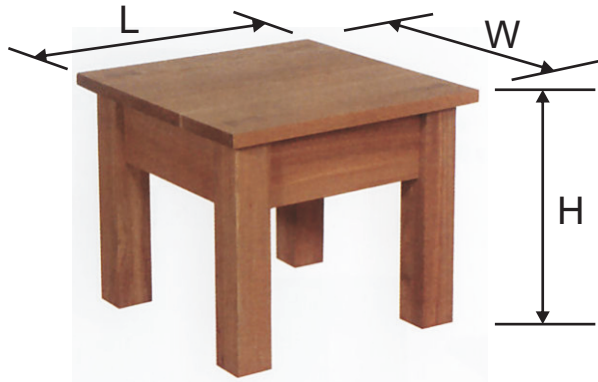
World Association of Technology Teachers

The 'Product Comparison Exercise' can be printed and used by teachers and students. It is recommended that you view the website section 'Graphics' (www.technologystudent.com) before attempting the design sheet.

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PRODUCT COMPARISON

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HEIGHT LENGTH WIDTH
SIZE: 550mm X 450mm X 450mm

ERGONOMICS

The table is quite high making it comfortable for placing items on its surface. The user does not need to stretch too much to reach the surface from a seated position.

COST - £25 - Mass produced.

MATERIALS

Natural wood, Malaysian Mahogany.
Gloss, varnish finish.

AESTHETICS (How it looks)

Traditional looking, bulky, strong, sturdy, basic.

CONSTRUCTION METHOD

Mortise and tenon joints, PVA glue and screwed top.



On this sheet you should have three examples of the type of product you are designing. Then write a comparison using the headings given below. Finally, give each product a star rating.



HEIGHT LENGTH WIDTH
SIZE: 400mm X 600mm X 350mm

ERGONOMICS

The table is quite low making it a little uncomfortable to place items on its surface. The user has to stretch a little in order to reach the table top.

COST - £250 - Small Batch - hand made.

MATERIALS

Natural wood, Brazilian Mahogany.
Gloss, varnish finish, toughened glass, chrome steel joints.

AESTHETICS (How it looks)

Modern looking, quite slender, strong, sturdy, executive/office look..

CONSTRUCTION METHOD

Steel rods with screw threads, rather like nuts and bolts.



HEIGHT LENGTH WIDTH
SIZE: 400mm X 580mm X 400mm

ERGONOMICS

The table is quite low making it a little uncomfortable to place items on its surface. The user has to stretch a little in order to reach the table top.

COST - £850 - One off - hand made.

MATERIALS

Plastic - Polycarbonate, toughened glass top.

AESTHETICS (How it looks)

Modern looking, unusual, quite slender, strong, sturdy, executive/office look..

CONSTRUCTION METHOD

Screw thread connecting both leg sections. Glass rests on rubber stoppers.



PRODUCT COMPARISON

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On this sheet you should have three examples of the type of product you are designing. Then write a comparison using the headings given below. Finally, give each product a star rating (shade the appropriate number of stars).

HEIGHT LENGTH WIDTH
SIZE: _____

ERGONOMICS _____

COST - _____

MATERIALS _____

AESTHETICS (How it looks) _____

CONSTRUCTION METHOD _____



HEIGHT LENGTH WIDTH
SIZE: _____

ERGONOMICS _____

COST - _____

MATERIALS _____

AESTHETICS (How it looks) _____

CONSTRUCTION METHOD _____



HEIGHT LENGTH WIDTH
SIZE: _____

ERGONOMICS _____

COST - _____

MATERIALS _____

AESTHETICS (How it looks) _____

CONSTRUCTION METHOD _____



PRODUCT COMPARISON

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On this sheet you should have three examples of the type of product you are designing. Then write a comparison using the headings given below. Finally, give each product a star rating (shade the appropriate number of stars).



HEIGHT LENGTH WIDTH

SIZE: _____

ERGONOMICS _____

COST - _____

MATERIALS _____

AESTHETICS (How it looks) _____

CONSTRUCTION METHOD _____



HEIGHT LENGTH WIDTH

SIZE: _____

ERGONOMICS _____

COST - _____

MATERIALS _____

AESTHETICS (How it looks) _____

CONSTRUCTION METHOD _____



HEIGHT LENGTH WIDTH

SIZE: _____

ERGONOMICS _____

COST - _____

MATERIALS _____

AESTHETICS (How it looks) _____

CONSTRUCTION METHOD _____



PRODUCT COMPARISON

V.Ryan © 2008 World Association of Technology Teachers

On this sheet you should have three examples of the type of product you are designing. Then write a comparison using the headings given below. Finally, give each product a star rating (shade the appropriate number of stars).



HEIGHT LENGTH WIDTH

SIZE: _____

ERGONOMICS _____

COST - _____

MATERIALS _____

AESTHETICS (How it looks) _____

CONSTRUCTION METHOD _____



HEIGHT LENGTH WIDTH

SIZE: _____

ERGONOMICS _____

COST - _____

MATERIALS _____

AESTHETICS (How it looks) _____

CONSTRUCTION METHOD _____



HEIGHT LENGTH WIDTH

SIZE: _____

ERGONOMICS _____

COST - _____

MATERIALS _____

AESTHETICS (How it looks) _____

CONSTRUCTION METHOD _____



PRODUCT COMPARISON

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On this sheet you should have three examples of the type of product you are designing. Then write a comparison using the headings given below. Finally, give each product a star rating (shade the appropriate number of stars).



HEIGHT LENGTH WIDTH

SIZE: _____

ERGONOMICS _____

COST - _____

MATERIALS _____

AESTHETICS (How it looks) _____

CONSTRUCTION METHOD _____



HEIGHT LENGTH WIDTH

SIZE: _____

ERGONOMICS _____

COST - _____

MATERIALS _____

AESTHETICS (How it looks) _____

CONSTRUCTION METHOD _____



HEIGHT LENGTH WIDTH

SIZE: _____

ERGONOMICS _____

COST - _____

MATERIALS _____

AESTHETICS (How it looks) _____

CONSTRUCTION METHOD _____



PRODUCT COMPARISON

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On this sheet you should have three examples of the type of product you are designing. Then write a comparison using the headings given below. Finally, give each product a star rating (shade the appropriate number of stars).



HEIGHT LENGTH WIDTH

SIZE: _____

ERGONOMICS _____

COST - _____

MATERIALS _____

AESTHETICS (How it looks) _____

CONSTRUCTION METHOD _____



HEIGHT LENGTH WIDTH

SIZE: _____

ERGONOMICS _____

COST - _____

MATERIALS _____

AESTHETICS (How it looks) _____

CONSTRUCTION METHOD _____



HEIGHT LENGTH WIDTH

SIZE: _____

ERGONOMICS _____

COST - _____

MATERIALS _____

AESTHETICS (How it looks) _____

CONSTRUCTION METHOD _____



PRODUCT COMPARISON

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On this sheet you should have three examples of the type of product you are designing. Then write a comparison using the headings given below. Finally, give each product a star rating (shade the appropriate number of stars).



HEIGHT LENGTH WIDTH
SIZE: 550mm X 450mm X 450mm

ERGONOMICS _____

COST - ? - Mass produced. _____

MATERIALS

Natural wood, Malaysian Mahogany.
Gloss, varnish finish.

AESTHETICS (How it looks) _____

CONSTRUCTION METHOD _____



HEIGHT LENGTH WIDTH
SIZE: 400mm X 600mm X 350mm

ERGONOMICS _____

COST - ? - Small Batch - hand made. _____

MATERIALS

Natural wood, Brazilian Mahogany.
Gloss, varnish finish, toughened glass,
chrome steel joints.

AESTHETICS (How it looks) _____

CONSTRUCTION METHOD _____



HEIGHT LENGTH WIDTH
SIZE: 400mm X 580mm X 400mm

ERGONOMICS _____

COST - ? - One off - hand made. _____

MATERIALS

Plastic - Polycarbonate, toughened
glass top.

AESTHETICS (How it looks) _____

CONSTRUCTION METHOD _____



PRODUCT COMPARISON PRODUCT ONE DESCRIPTION: _____

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CLIENT REQUIREMENTS _____

ERGONOMICS _____

MATERIALS _____

AESTHETICS (How it looks) _____

CONSTRUCTION METHOD _____

HEALTH AND SAFETY _____

ENVIRONMENTAL IMPACT _____

OTHER e.g. COLOUR AND TEXTURE _____



HEIGHT LENGTH WIDTH

SIZE: 550mm X 450mm X 450mm

COST _____

SCALE OF MANUFACTURE

ONE OFF/PROTOTYPE

BATCH

CONTINUOUS

STAR RATING

