

OZONE FRIENDLY

V.Ryan © 2000 - 2008

On behalf of The World Association of Technology Teachers

W.A.T.T.



World Association of Technology Teachers

The 'Symbols 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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Design your own 'No CFC's' symbol. Think carefully about the colour scheme. This should reflect the environment (suggestion - green and blue may be a good starting point). You may wish to base it on the existing 'No CFC's' symbol or develop a completely new symbol. Add notes to help explain your designs. An example design is shown below.



The symbol opposite emphasises the damage caused by CFC gases to the ozone layer. The yellow represents the sun's rays. A large amount of the earth is coloured red, this shows the scale of the damage.

What do you think of this symbol?

Sketch two rough designs in the boxes below.

Select your best design and draw it accurately in the space below. Use colour and shade to enhance the final presentation. Add notes to help explain your design.

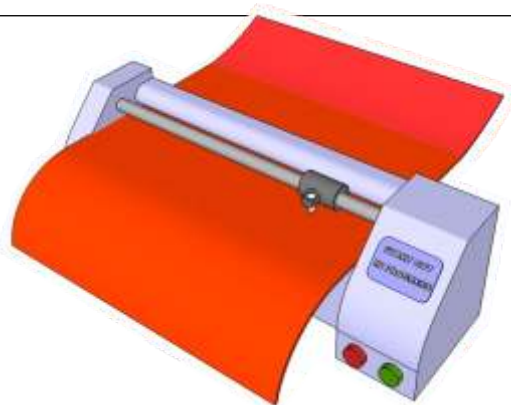
Draw your best design again, this time using a CAD package such as Corel Draw or Flash.

What does CAD mean?

In your opinion are there any advantages to using CAD - list them below?

What are the advantages of sketching by hand?

Which of the two methods of designing, CAD or sketching by hand do you prefer?

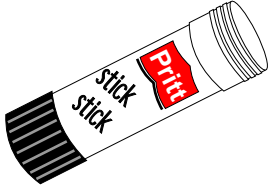


The special CAM machine seen opposite is to be used to different coloured cut sticky back vinyl which will be used to manufacture the new NO CFC's symbol.

Name a suitable CAM machine that could be used for the manufacture of the symbol.

Red, Blue, Green and yellow coloured vinyl are to be used to manufacture the symbol. Explain how the machine could be used to carry this manufacturing process.

It has been decided that the same design of symbol is to be manufactured using coloured card. List the equipment you would need to manufacture the symbol and sketch a simple drawing of each piece.

ITEM	NAME	USE IN MAKING OF SYMBOL
	GLUE STICK	<hr/> <hr/> <hr/> <hr/>
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