

# EVALUATING A MODEL

V.Ryan © 2000 - 2010

On behalf of The World Association of Technology Teachers

## W.A.T.T.

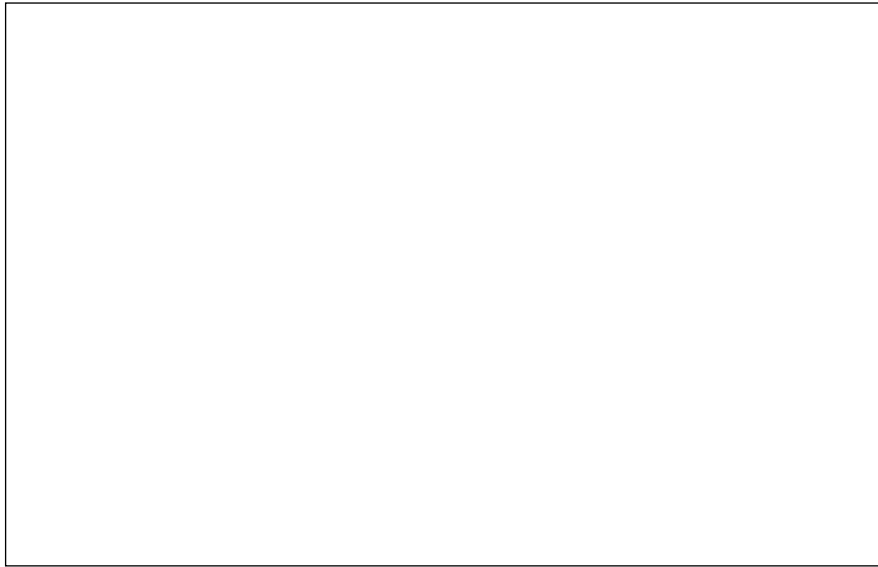


World Association of Technology Teachers

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

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## PHOTOGRAPH



After making and testing the model I have decided that there may be a need for alterations / changes to the original design.

Changes to the materials to be used:

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### WHAT I CONSIDER TO BE GOOD POINTS

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Changes to the overall shape and size:

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Other changes. E.G. Ergonomics, colour scheme and texture, finish, appearance, function, costing etc....

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### VIEWS OF OTHER PEOPLE (ESPECIALLY POTENTIAL CUSTOMERS)

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# MODEL EVALUATION

## PHOTOGRAPH



Changes to the overall shape and size:

*I intend to change the shape so that it is more stylish and modern looking. It will also be altered so that it is safer than the original design. The bottom rails need extending so that the rocking chair does not topple over when in use.*

Other changes. E.G. Ergonomics, colour scheme and texture, finish, appearance, function, costing etc....

*The back needs shaping so that it allows enhanced back support for anyone sitting in the chair (improved ergonomics). I will consider alternative colour schemes for the upholstery and involve potential customers when making a final choice. I will keep an accurate check on costs so that the final cost of materials is below £60.*

*I will consider adding a removable shelf to the arm of the chair - to be used as a rest for books and magazines.*

*I will research the possible use of springs to cushion the forwards and backwards motion of the rocking chair.*

## PRODUCT: EASY / ROCKING CHAIR

After making and testing the model I have decided that there may be a need for alterations / changes to the original design.

Changes to the materials to be used:

*I tried using oak on the model and found it difficult to cut and shape accurately. I will try alternative material samples until I find one that is easy to shape and yet looks a quality natural wood. I will start by using Scots Pine as this has good working properties.*

### WHAT I CONSIDER TO BE GOOD POINTS

*I like the design of the chair because it is simple and functional. The rocking motion of the model is smooth although the rails need extending for safety reasons.*

*The varnish and paint finish is quite smooth and protects the natural wood underneath.*

*I like the basic style of the chair and if I spend more time on this aspect of the design, the style could be further improved. A more intricate design could be developed based on my original design.*

*The cushions look comfortable and these could be manufactured in a range of washable colours.*

### VIEWS OF OTHER PEOPLE (ESPECIALLY POTENTIAL CUSTOMERS)

*Most people liked the overall design of the rocking chair, although they were quick to point out that the model chair fell over if the rocking motion became too vigorous. This part of the design must be changed.*

*It was suggested that the colour scheme was dull and that brighter colours should be used to attract a younger customer.*

*It was also suggested that the arm rests should be upholstered to make them more comfortable. The 'hard' arm rests would soon make the person sat in the chair uncomfortable and restless.*

*Potential customers liked the projected cost of the chair (under £80) as most rocking chairs are much more expensive.*

*Most people agreed that the chair should be manufactured in a range of colours and choice of natural woods.*

## MODEL EVALUATION