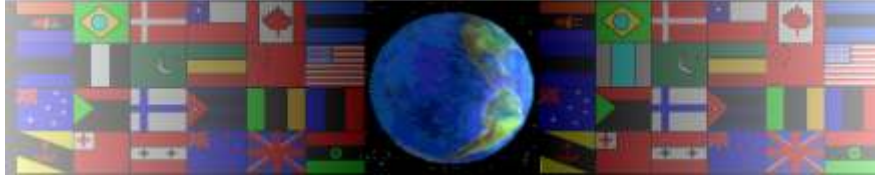


# FINDING THE CENTRE OF GRAVITY

V.Ryan © 2000 - 2010

On behalf of The World Association of Technology Teachers

## W.A.T.T.



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# FINDING THE CENTRE OF GRAVITY

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1. What is the Centre of Gravity of an Object?

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2. The Centre of Gravity and Centre of Rotation, are not necessarily in the same position. Explain why this can be the case. Use a diagram(s) and notes in your answer.

DIAGRAM(S):

NOTES:

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3. Cut out the two shapes, the bird and monkey. Glue then on to pieces of MDF. Cut around the shapes accurately, using a fretsaw.

Using a drawing pin and 'plumb line', find the centre of gravity of each shape. Clearly mark the centre of gravity. Check your findings with your fellow pupils.

