

FINDING THE CENTRE OF GRAVITY

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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?

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:

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.

