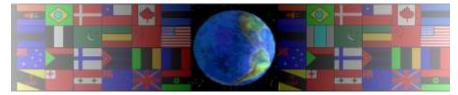
## UPDATED BUILDING BLOCK TRUCK

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) before attempting the design sheet.

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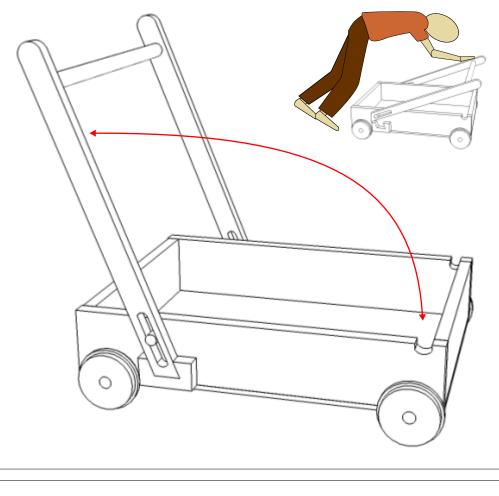
## **BUILDING BLOCK TROLLEY**

V.Ryan © 2010 World Association of Technology Teachers

The trolley folds away to save space when the building block trolley is put in storage. However, a design fault has been identified. It is possible that the handle could fold accidentally when the trolley is pushed. This could result in an accident (see diagram below).

A locking mechanism is needed, that will fix the handle in position and not allow it to fold away accidentally.

Sketch a potential mechanism on the diagram opposite. Add labels and notes to help explain your design.



## ADD YOUR DESIGN TO THIS DIAGRAM

