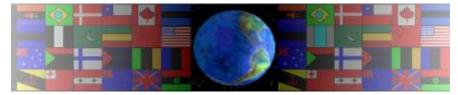
UPDATED BUILDING BLOCK TRUCK

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.

THESE MATERIALS CAN BE PRINTED AND USED BY TEACHERS AND STUDENTS. THEY MUST NOT BE EDITED IN ANY WAY OR PLACED ON ANY OTHER MEDIA INCLUDING WEB SITES AND INTRANETS. NOT FOR COMMERCIAL USE. THIS WORK IS PROTECTED BY COPYRIGHT LAW. IT IS ILLEGAL TO DISPLAY THIS WORK ON ANY WEBSITE/MEDIA STORAGE OTHER THAN <u>www.technologystudent.com</u>

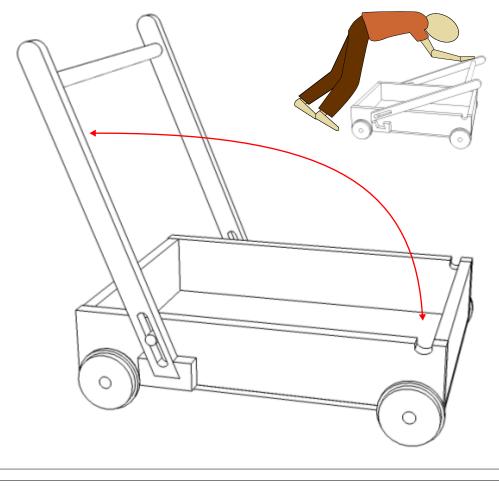
BUILDING BLOCK TROLLEY

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

