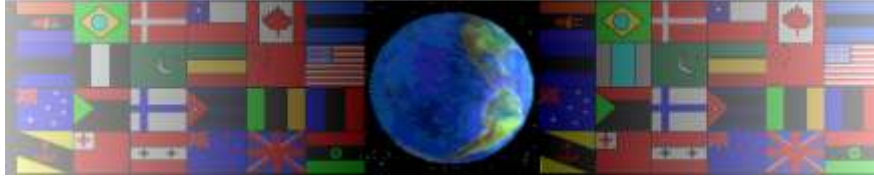


ERGONOMICS OF A TROLLEY

V.Ryan © 2000 - 2010

On behalf of The World Association of Technology Teachers

W.A.T.T.



World Association of Technology Teachers

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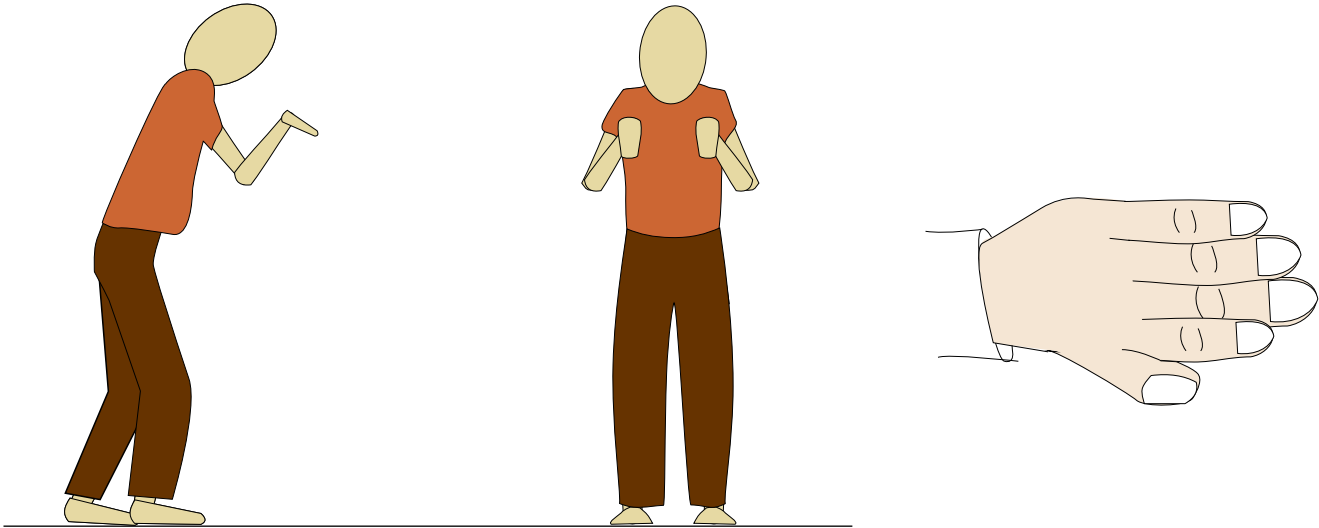
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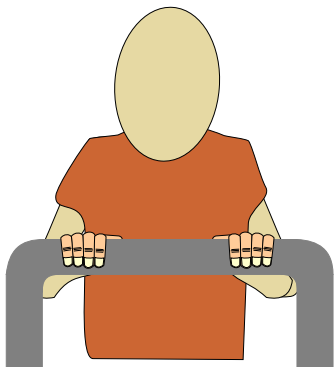
1. Why should a trolley be designed with ergonomics in mind?

2. When designing a trolley, certain ergonomic measurements should be found. Draw three important measurements on the figures below, that you feel are important when designing a trolley that is comfortable to use.



3. When collecting measurements for use in the design of a trolley (ergonomic measurements), how many people would you collect measurements from? Explain your answer.

4. A design fault has been found on the handle. The users hands tend to slide along the handle. An adult using the trolley could lose grip, losing control of the trolley. Draw a new handle so that it is ergonomically designed, fitting the hands comfortably and helping to prevent loss of control of the trolley.



YOUR DESIGN

A large, empty rectangular box with a thin black border, intended for the student to draw their proposed ergonomic handle design.

5. How will your handle design prevent losing grip of trolley?
