

ANTHROPOMETRIC DATA AND ERGONOMIC DESIGN PACKED LUNCH CONTAINERS

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On behalf of The World Association of Technology Teachers

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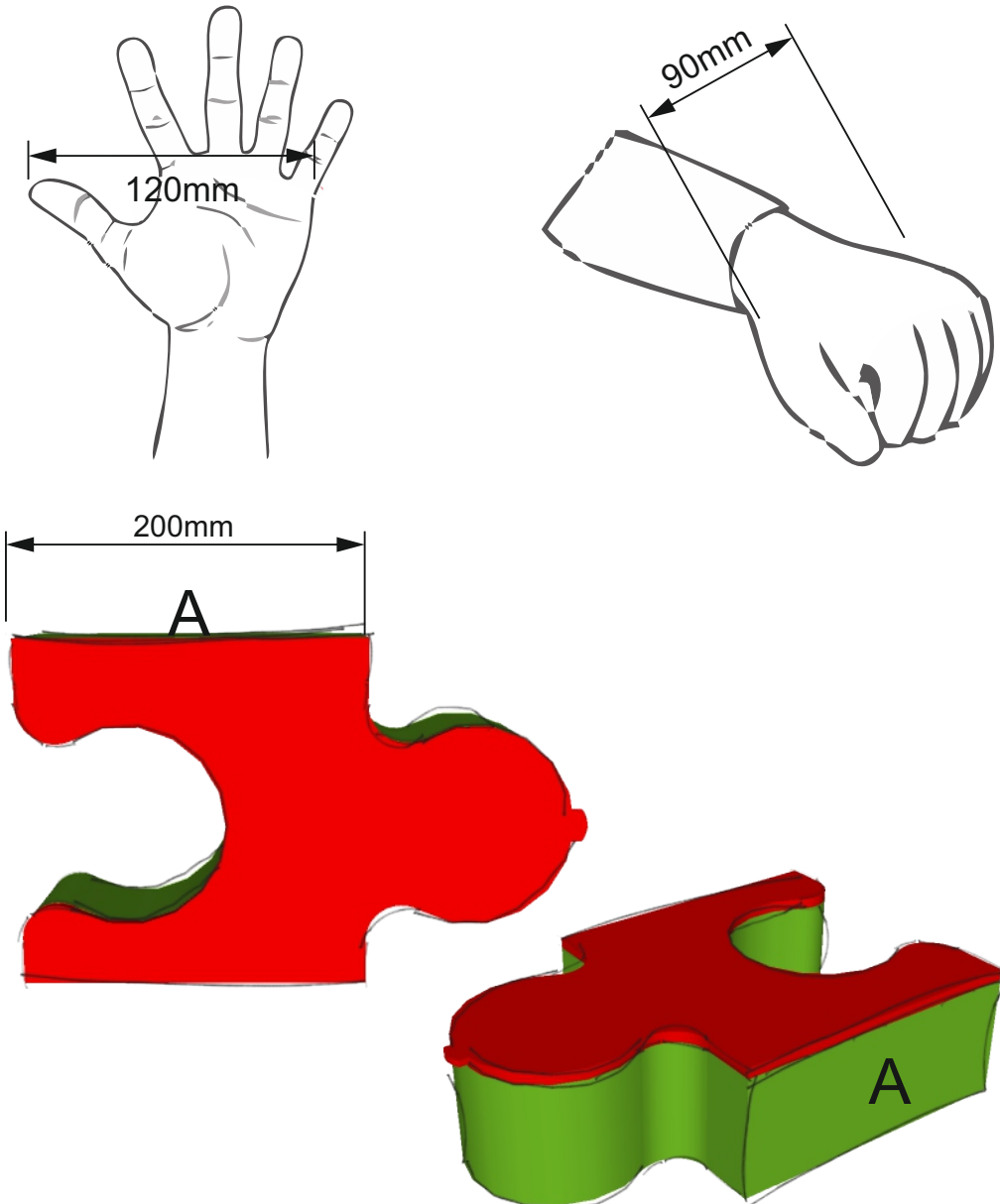
World Association of Technology Teachers

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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ANTHROPOMETRIC DATA

The packed lunch container seen below, is for eight year old children. You are to design a handle to aid carrying. The box and handle will be manufactured as one piece. The handle must be ergonomically designed, based on the anthropometric data (measurements). Surface 'A' is where the handle will be positioned.



ERGONOMIC HANDLE DESIGN

1. In the space below, develop a design for the handle.

You must show the handle as part of the packed lunch box.

Add dimensions / measurements

Add notes to explain your design, specifically referring to ergonomics.

2. What is meant by the term anthropometric data?

3. What is meant by the term ergonomics?
