

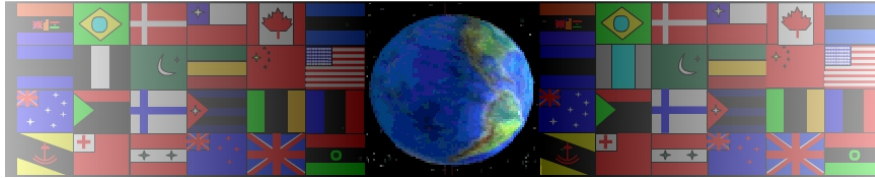
# INCLUSIVE DESIGN - REVISION CARDS

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On behalf of The World Association of Technology Teachers

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World Association of Technology Teachers

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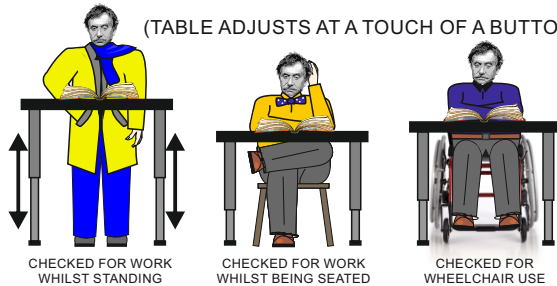
# INCLUSIVE DESIGN - REVISION CARDS

## INCLUSIVE DESIGN

**Definition:** An inclusive design, is one that allows maximum use, by the widest range of people, without the need to adapt or add accessories.

A good example of an inclusive design is a table that can be adjusted to a variety of heights. It allows people of different heights, including wheelchair users, to use it effectively. People can decide whether to stand or sit at the table.

A DESIGNER CHECKING A PROTOTYPE FOR INCLUSIVITY  
(TABLE ADJUSTS AT A TOUCH OF A BUTTON)

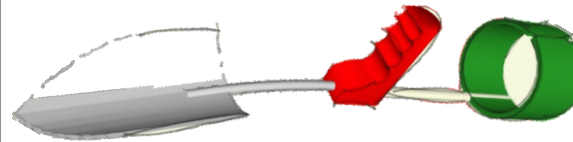


## INCLUSIVE DESIGN ANTHROPOMETRICS AND ERGONOMICS

Good inclusive product design, is based on detailed research into anthropometric data and then applying that data at the design stage. This can lead to a wider range of potential customers.

**EXAMPLE:** Compared to a standard gardening trowel, this gardening tool can be used by a wide range of people, including the elderly and those suffering from arthritis of the hands and fingers.

Example of good ergonomics leading to an inclusive design.



## INCLUSIVE DESIGN AND ENVIRONMENTAL ISSUES

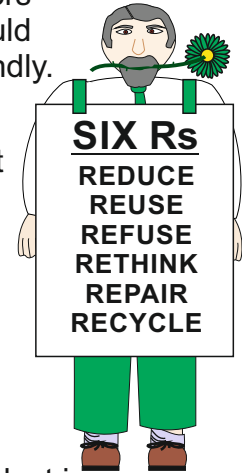
Many potential customers think that products should be environmentally friendly.

To attract an inclusive customer base, product designers consider the 6Rs during a product's design and development.

'Carbon footprint' is a growing environmental issue.

The further away a product is manufactured from potential customers, the greater it's carbon footprint.

**SOLUTION:** manufacture close to the place of sale / the marketplace.



1. What is Inclusive Design? 3 marks

2. Describe a product that you consider as being 'inclusive'. Why is it an inclusive design? 3 marks

3. Why do product designers consider environmental issues, when developing an inclusive design? 2 marks