Family Friendly

Universal Design

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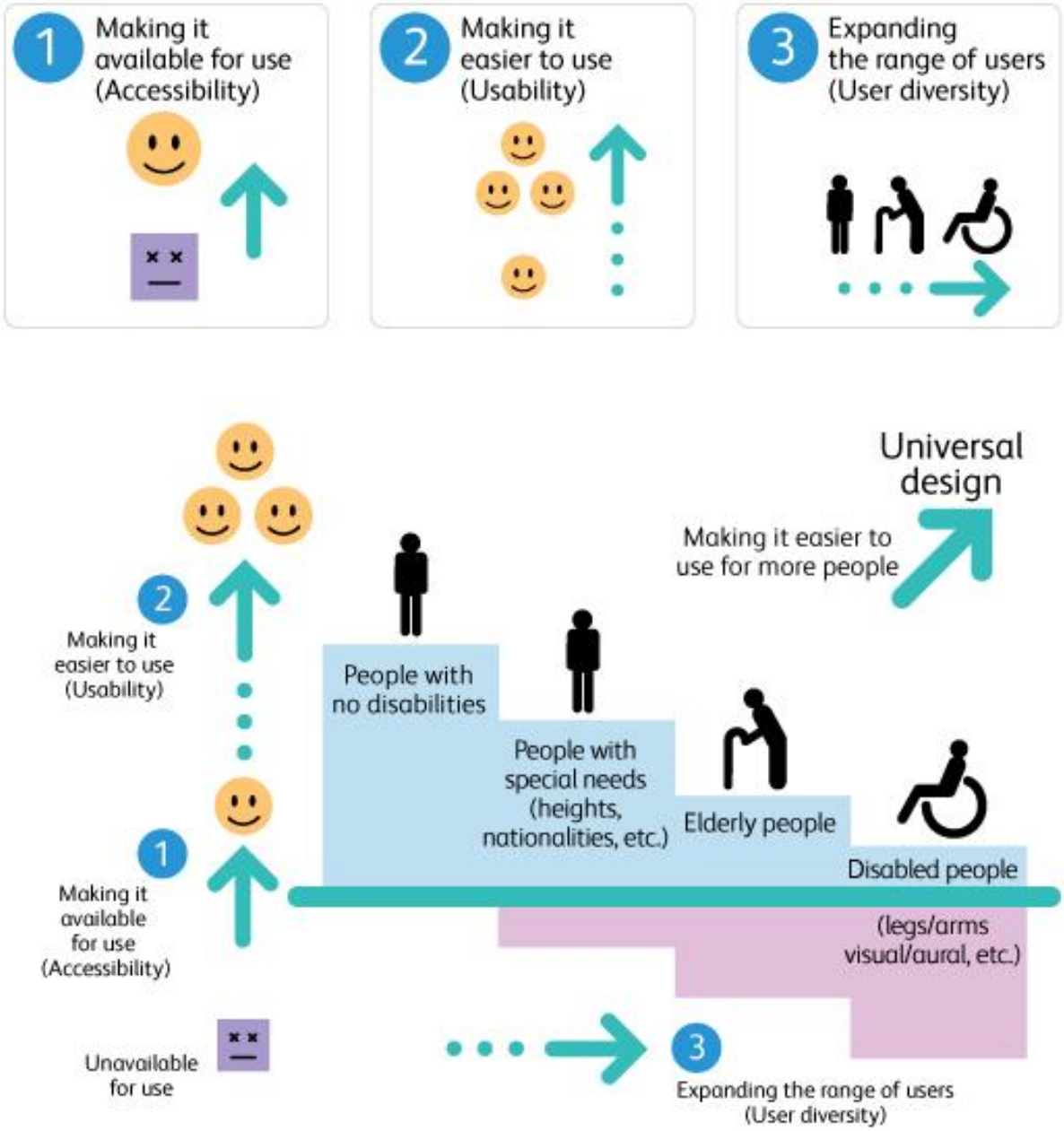
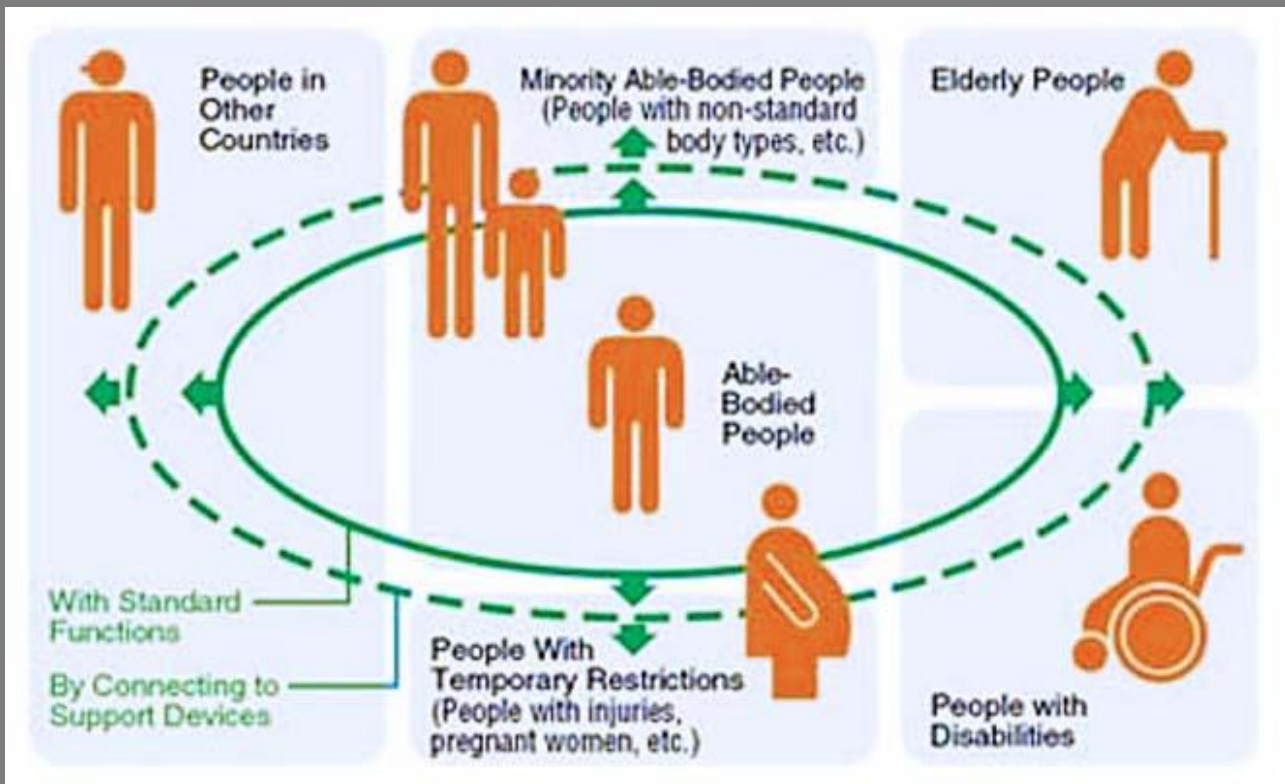


Universal Design



Universal Design

the Oval partnership

Universal Design is an approach to home building, remodeling, and community development that centers on safety and ease of movement, both inside and outside of the home.

ISO 9001:2008 Certificate No: GB8563
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The Principles of Universal Design

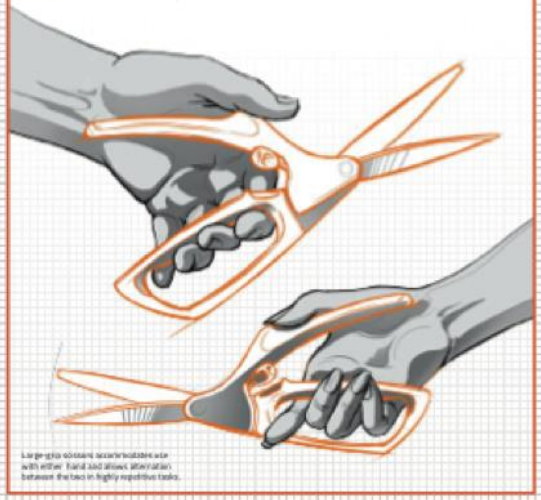
The design of products and environments to be usable by all people, to the greatest extent possible, without the need for adaptation or specialized design.

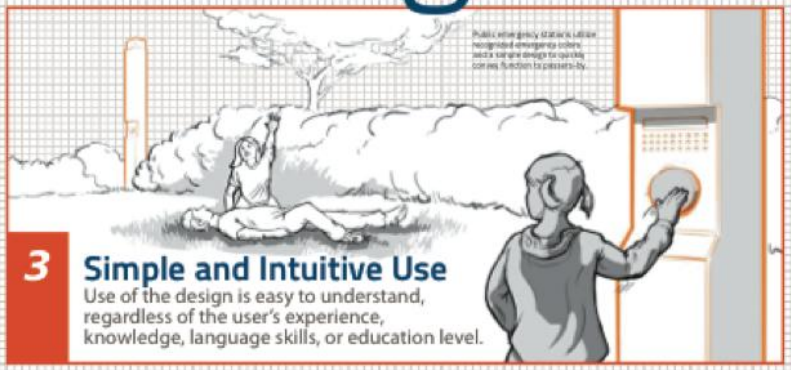
1 Equitable Use

The design is useful and marketable to people with diverse abilities.

2 Flexibility in Use

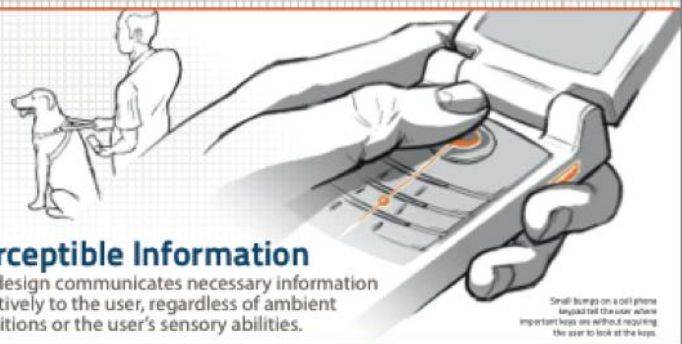
The design accommodates a wide range of individual preferences and abilities.





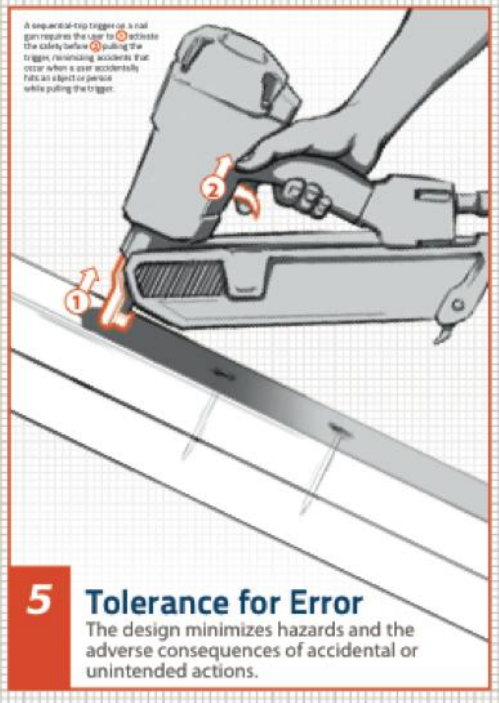
3 Simple and Intuitive Use

Use of the design is easy to understand, regardless of the user's experience, knowledge, language skills, or education level.



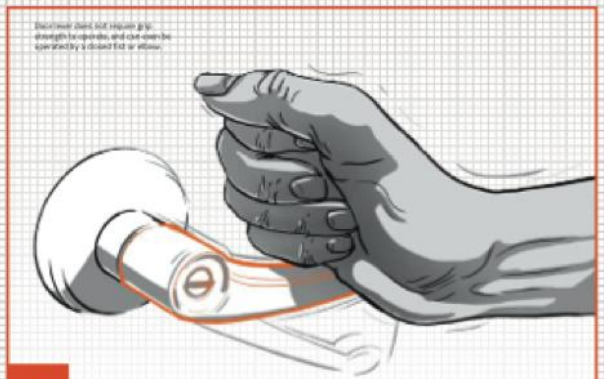
4 Perceptible Information

The design communicates necessary information effectively to the user, regardless of ambient conditions or the user's sensory abilities.



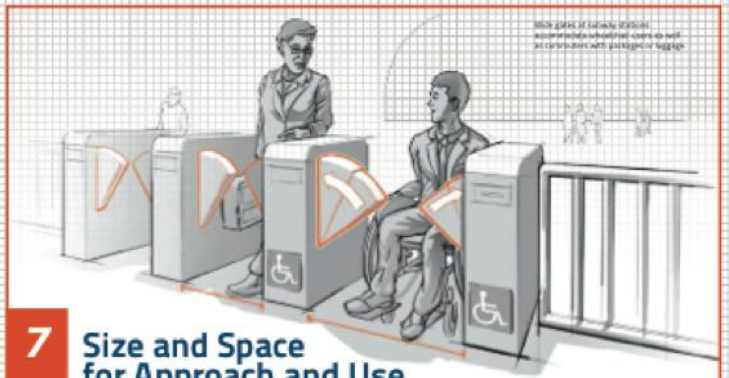
5 Tolerance for Error

The design minimizes hazards and the adverse consequences of accidental or unintended actions.



6 Low Physical Effort

The design can be used efficiently and comfortably and with a minimum of fatigue.



7 Size and Space for Approach and Use

Appropriate size and space is provided for approach, reach, manipulation, and use regardless of user's body size, posture, or mobility.

Center for Universal Design at NC State

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Adaptable Apartments and Houses

Adaptable Apartments and Houses

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Design for Home

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Design for The Physically Challenged

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Design for The Physically Challenged

Design for The Physically Challenged

Some refrigerators, such as this one at a retail appliance store in Orlando, are specially designed with removable freezer drawers that slide out, which gives Rossetti full reach; the refrigerator shelves do the same and have adjustable heights. Doors that swing far back are also helpful, Rossetti says.

Design for The Physically Cha

Design Details

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