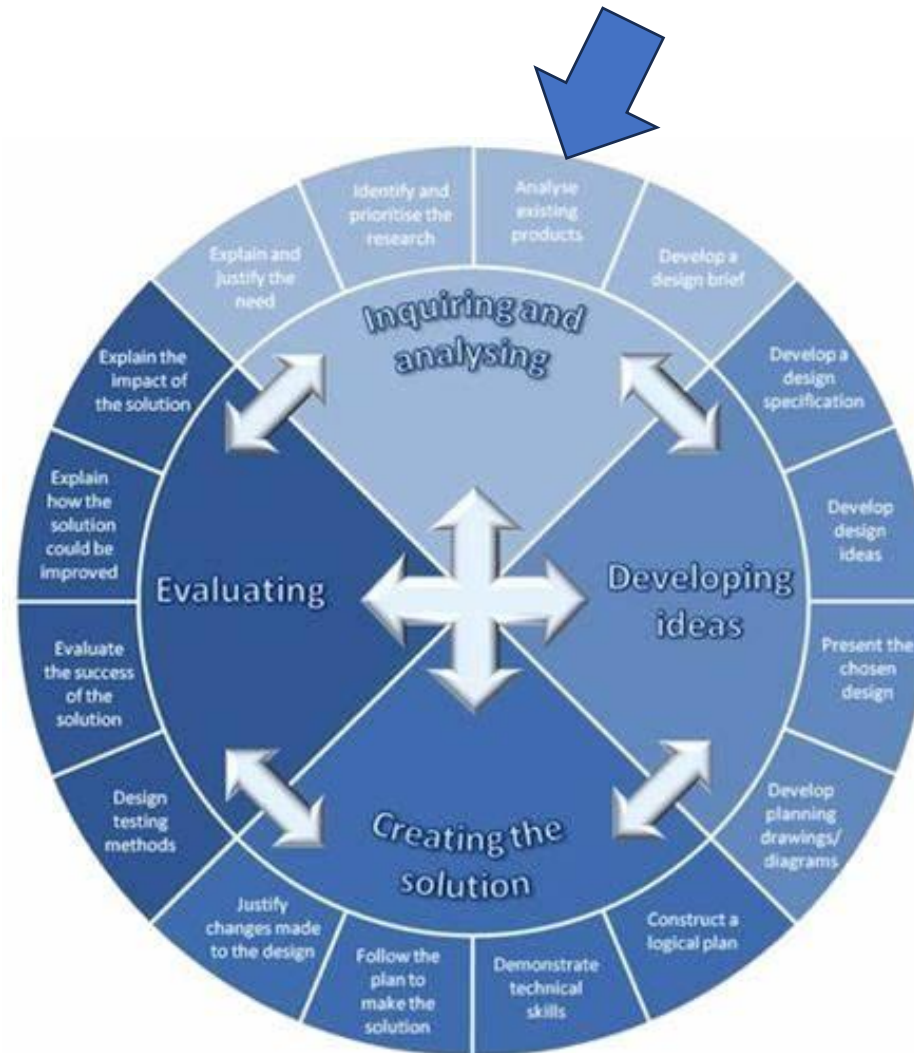




Design- Analyse Existing Products

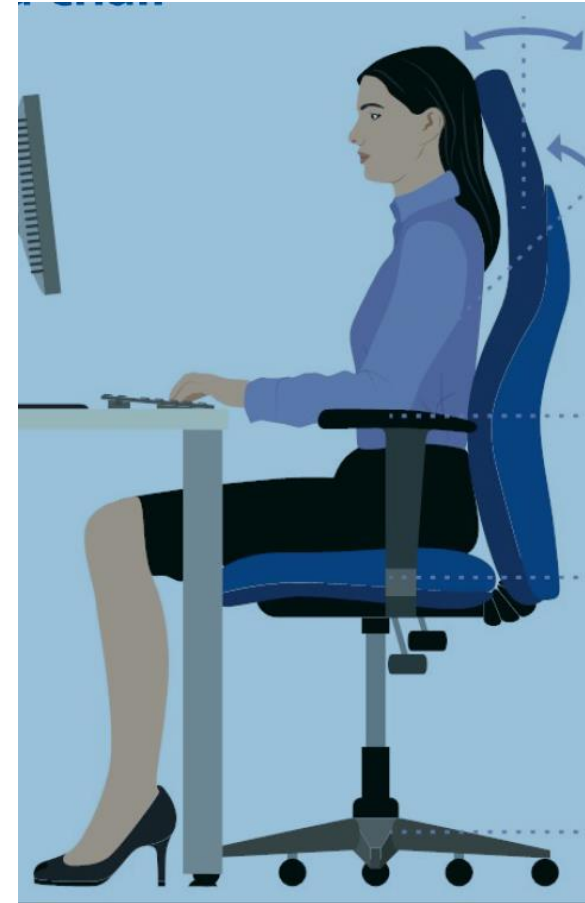




Design - Ergonomics

- Ergonomics
is the application of scientific information and understanding of how humans related to products, systems, interfaces and environment.

Does it fit ?





Design - Ergonomics

Activity

1) Measurement of the comfortable height. See Figure A

- Sit in a chair. (Not at a table)
- Raise your arms to about your waist level. Adjust the height until it feels comfortable. Your partner should measure from the floor to your hands.
- Record the measurement in cm.



Figure A

2. Measurement of the height of the person. See Figure B.

- Against a wall, stand up straight and measure the height.
- Record the figure

3. Class to gather all the data.

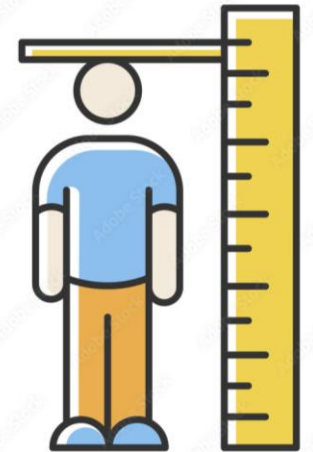


Figure B



Design - Ergonomics



Figure A

Height of Person (cm) Figure B	Comfortable height (cm) Figure A	Ratio (Height of Person / Comfortable height)

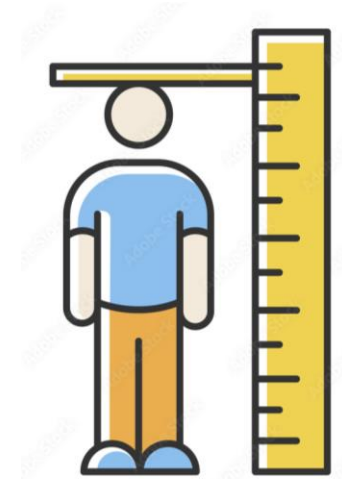


Figure B



Design - Homework

- Choose a table in your home (dining table).
 1. Measure the height.
 2. Measure the shape.

