## ERGONOMICS



## 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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## ERGONOMICS

DESCRIPTION OF MEASUREMENTS I INTEND TO COLLECT: $\qquad$

| MEASUREMENT(S) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| PUPIL/PERSON | A | B | C | D |
|  |  |  |  |  |
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| TOTAL(S) |  |  |  |  |
| AVERAGE |  |  |  |  |
|  |  |  |  |  |

DIAGRAM REPRESENTING MEASUREMENTS TO BE COLLECTED

HOW THE DATA WILL HELP ME DESIGN: $\qquad$

## ERGONOMICS

DESCRIPTION OF MEASUREMENTS I INTEND TO COLLECT: I intend to collect measurements based on the average reach of a person, DISTANCE A and comfortable seating height DISTANCE B. Target Market - House / flat owners..

MEASUREMENT(S)

| PUPIL/PERSON | A | B | C | D |
| :---: | :---: | :---: | :---: | :---: |
| Person A | 600 mm | 450 mm |  |  |
| Person B | 534 mm | 436 mm |  |  |
| Person C | 589 mm | 425 mm |  |  |
| Person D | 590 mm | 395 mm |  |  |
| Person E | 610 mm | 412 mm |  |  |
| Person F | 500 mm | 423 mm |  |  |
| Person G | 615 mm | 428 mm |  |  |
| Person H | 602 mm | 422 mm |  |  |
| Person l | 590 mm | 480 mm |  |  |
| Person J | 595 mm | 435 mm |  |  |
| Person K | 605 mm | 456 mm |  |  |
| Person L | 625 mm | 400 mm |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| TOTAL(S) | 7055 mm 5162 mm |  |  |  |
| AVERAGE | 588 mm | 430 mm |  |  |

## DIAGRAM REPRESENTING MEASUREMENTS TO BE COLLECTED



HOW THE DATA WILL HELP ME DESIGN:
I will use the average measurements for distance ' $A$ ' and ' $B$ ' to calculate the overall size of the study desk I am designing. This research will also help me design a desk that is comfortable to sit at and to use for studying.

