

ERGONOMICS EXERCISE

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On behalf of The World Association of Technology Teachers

W.A.T.T.



World Association of Technology Teachers

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ERGONOMICS EXERCISE

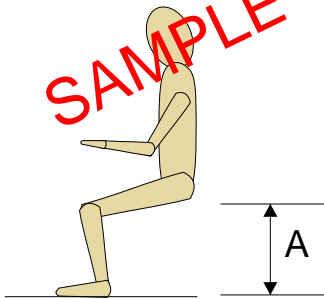
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On the ergonomic figures shown below, mark on the missing ergonomic dimensions / measurements you would need to collect if you were research each of the projects. An the first diagram example answer is shown on first example.

1.

CHAIR

SAMPLE

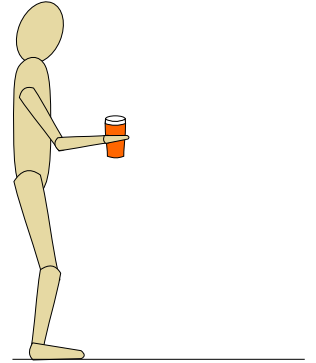


The diagram opposite shows the ergonomic dimension required for working out the comfortable seating height.

2.

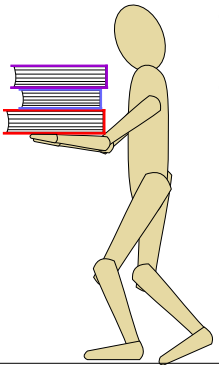
BAR TOP

The beer drinker needs a bar on which to place his drink. Draw on the diagram the missing ergonomic dimension. Remember, the bar should be a height that enables the drinker to place his drink without spilling a drop.



3.

LIBRARY SHELF

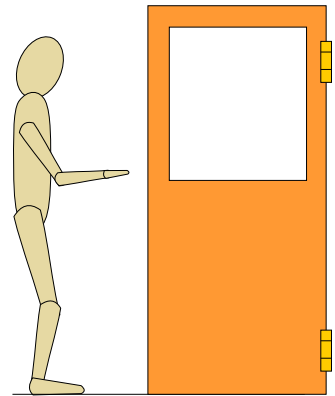


The librarian needs a shelf on which to place his books. The shelf must be at a comfortable height. Their must be no 'over stretching' to place the books on a high shelf. Draw on the diagram the missing ergonomic dimension.

4.

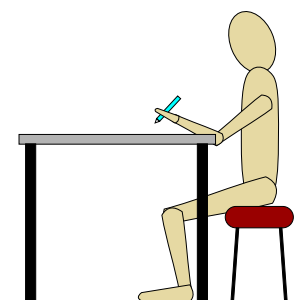
DOOR HANDLE

The person opposite needs to position a door handle on the door at the correct ergonomic height. If the handle is too low or too high it may be difficult to turn the handle. Draw on the missing ergonomic dimension



5.

FOOT STOOL

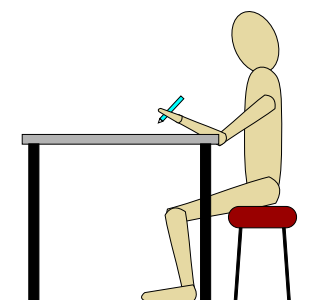


The person opposite needs a footstool so that he can work at comfortably. Draw on the missing ergonomic dimension for the height of foot stool.

6.

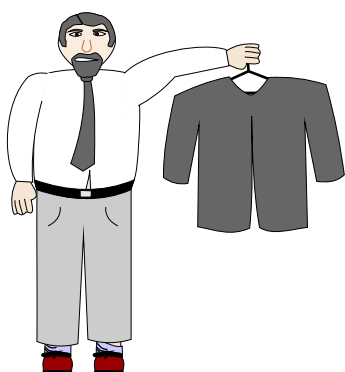
READING LAMP

The person opposite needs a reading lamp so that he can work at night. The lamp must be set at the right height. Draw on the missing ergonomic dimension for the height of the lamp.



7.

COAT RAIL



Jeff needs a coat rail to hang his second-hand coat. It has not been designed yet. Draw on the diagram, the missing ergonomic measurement for its correct height.

8

STEERING WHEEL

Jeff's car does not have a steering wheel yet. Without it he will not be able to attempt his driving test again. Draw on the missing ergonomic measurement, marking its height.

