

Workbench



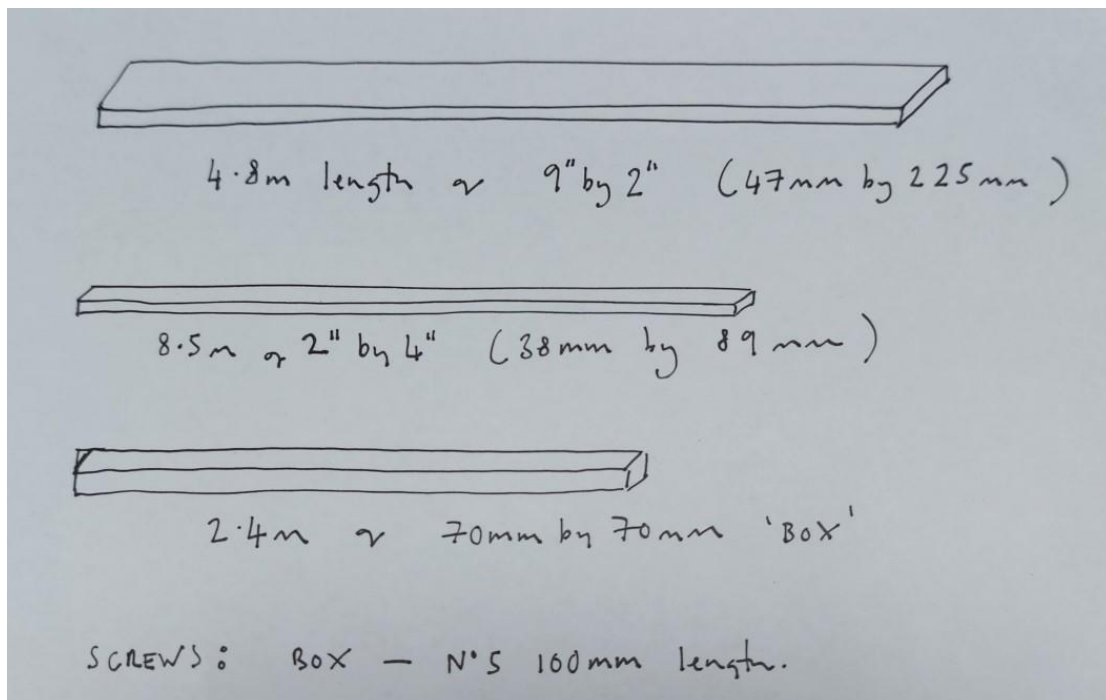
Here's some inspiration to make your own workbench! These are not very detailed instructions but at least give you an idea of how to make a solid sturdy workbench – and most importantly one that can withstand a bit of rain – so can be outdoors without getting ruined. It needs to be combined with a removable vice. Vices don't like getting wet.

Use treated construction timber – to be durable outdoors. This can be bought from builders merchants.

With the wood listed below you can make either a rectangular or a squarer workbench. I quite like how the squarer one spaces the children out more, giving them a bit more working space and a larger central area – but best shape really depends on the space where you plan to locate it



What you need...



The work surface is made from one length of 4.8m 9by2. This is cut into 4 for the squarer workbench or into three for the longer rectangular version. (160cm x3 or 120cm x4)

The legs are from 70mm by 70mm box section (2.4m standard length cut into 4= each leg is 60cm) – making the total height of the workbench 65cm (inc the top) which is ideal for young children. The legs can be wider but not ideal to be any less.

The 4by2 timber is for all the structural construction to make it mega robust – this workbench is a 4x4 landover! (-you might notice in the photos I used some other dimensioned wood at the bottom of mine as I had it laying about) but you'll be good to stick with the 2by4s.

A chapsaw or a jigsaw will make cutting the timber easier!

Use screws No5 100mm as opposed to nails – you will need an impact battery screwdriver
Drill pilot holes in wood first to prevent splitting

A pictorial guide:

Locate legs 5cm from side and 10cm from end – then cut studding to fit as shown...



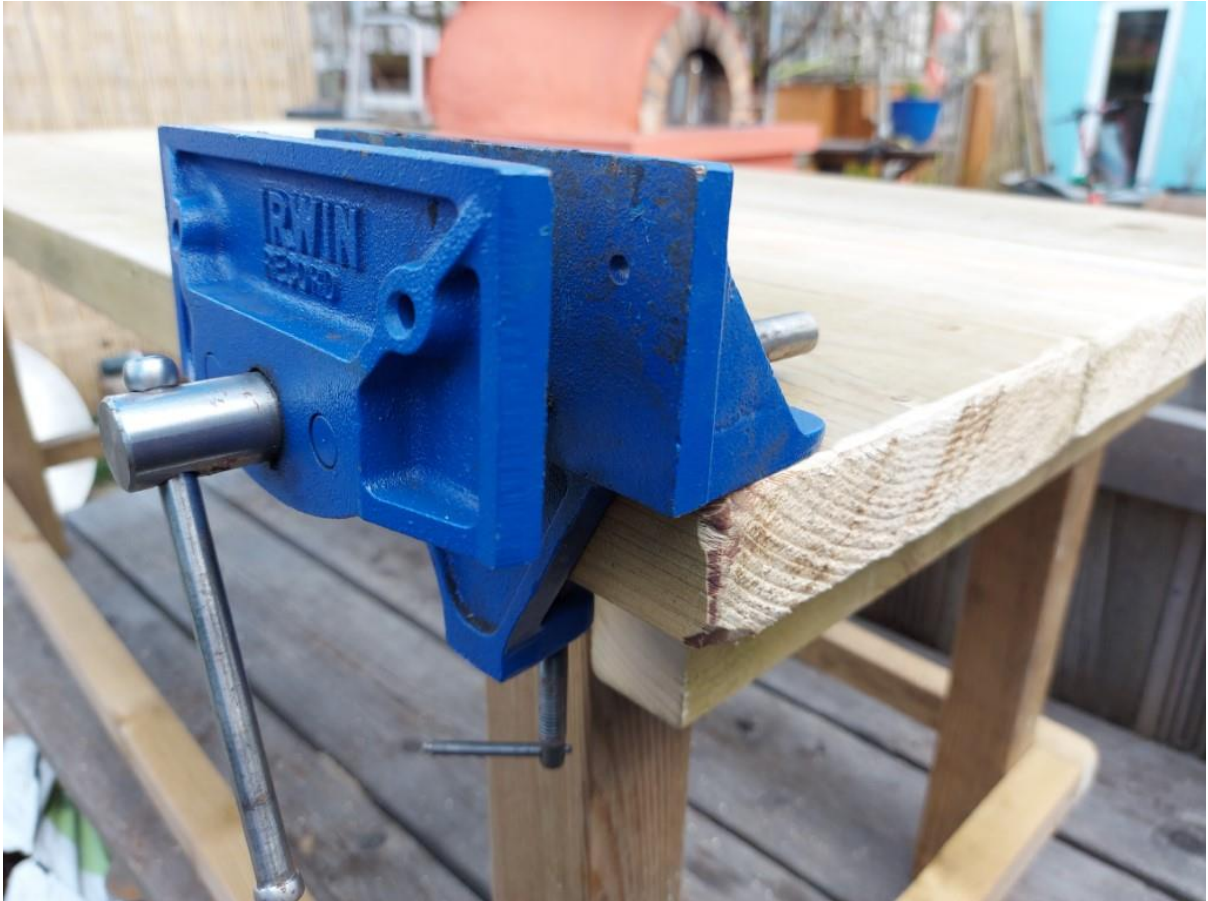
Add 5 screws into each leg – 2 on each side and one on diagonal





Add a frame around the base - this will make it much more rigid in long term and allow storage boxes to be contained

Vice can be located at the edge – ideal for sawing





Storage for wood offcuts







<https://www.mytoolshed.co.uk/irwin-record-v150b-woodcraft-vice-6in.html>

many suppliers so just google: Irwin record v150b

It just clamps on and you can also add a couple of screws to make it even more rigid

Big Bang....Small hands....BIG IDEAS!

