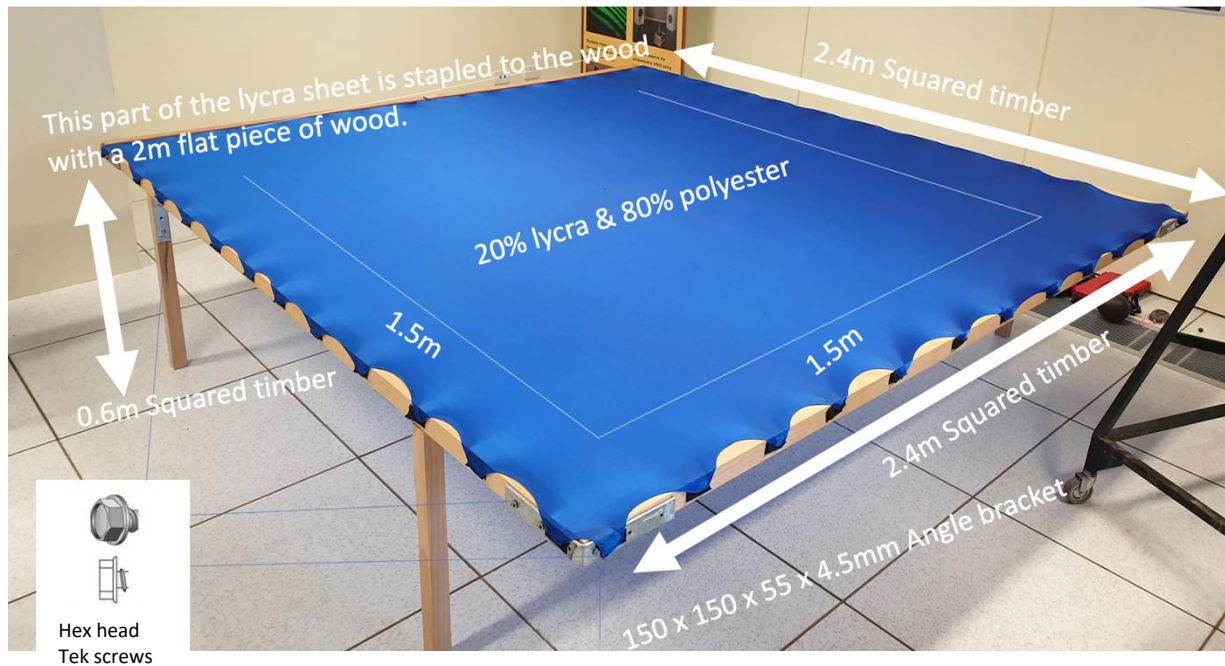




How to build a space-time simulator (The Einstein-First way)

Wooden Spacetime simulator building requirement

- 4 pieces of 2.4m squared timber
- 4 pieces of 0.6m squared timber
- 8 pieces of 150 x 150 x 55 x 4.5mm Angle bracket
- 32 Hex head Tek screws
- 1 piece of 1.5 x 1.5m lycra sheet
- 34 pieces 10 x 5cm of Velcro (hook is placed on the wood and loop sewed the lycra fabric)



1. Get all parts to build the spacetime simulator you will need the parts listed in the building requirement section above.
2. The size 2.4m square is exactly the right size to allow for the right amount of stretching. The standard length of lycra sold online (1.5m) needs no cutting.
3. The timber specification is 5 lengths of pine, 2.4m x 50mm x 50mm. The legs are 600mm, made from quartering the 2.4m length into 4 x 0.6m.
4. A thin piece of wood measuring 2m should be used to staple the lycra to one end of the 2,4m squared timber.

5. The velcro on the lycra edges must be sewn on. Only sew the loop part on the lycra fabric. (only 3 sides of the lycra fabric will the loop part will be sewed on)
6. The Tek screws have heads of 35mm with self-drilling threads for timber.



7. Start by attaching two 0.6m legs to the 2.4m side B. Lay the 2.4m squared timber on the floor and start drilling the legs, with 4 tek screws, using the angle bracket.
8. Repeat the same process for the other 2.4m side (side D).
9. Laying the space time simulator on the floor. Start connecting all the sides. Drill the angle brackets to the 2.4m lycra stapled side (Side A) to side B and side C to side B (step 7).
10. Finish by repeating this process for the other side. (The skeleton of your space time simulator should be finished)
11. Gradually add the hooks on the outer edges of the sides and connect the loop that where sowed to the space time simulator on to the hooks.

