South of England Collaborative
mental health quality and
patient safety improvement

The Build a Chair Challenge

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The problem…

Despite extensive negotiations and contingency planning the Hotel has a shortage of seating in their restaurant.

They've spoken to the Faculty and we've agreed to step in as a group and help them solve the problem!

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The Aim

To build a makeshift chair using items available from the Collaborative Shop

You have £5 in your packs to purchase your supplies

You have 30 minutes to design, build, test and modify your chair

A person needs to be able to sit on the chair for at least 1 minute once it is built

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What's in the Shop…

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Item	Number available	Cost
A bag of balloons	13 bags	£1 a bag
A roll of tape	10 rolls	£1 a roll
A bundle of string	2 bundles	£1 a bundle
A pair of scissors	1 pair of scissors	£1 for the scissors
Balloon pump (for hire only – 10 mins a time)	1 balloon pump	£1 for 10mins hire

***NB once supplies are gone they are gone, the shop won't be replenished!**

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The Rules…

- ✓ Your chair must include blown up balloons in its construction
- ✓ You can only use items purchased within the shop to construct your chair
- ✓ You cannot buy more than 3 bags of balloons per table
- ✓ You cannot buy more than 2 rolls of tape per table
- ✓ A person must be able to sit on your seat for at least 1 minute without your chair falling apart

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Health and Safety…

If you have a known allergy to any of the materials involved in this exercise please advise your team!

Please take care when testing/sitting on your constructed chairs!

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PDSA as you go…

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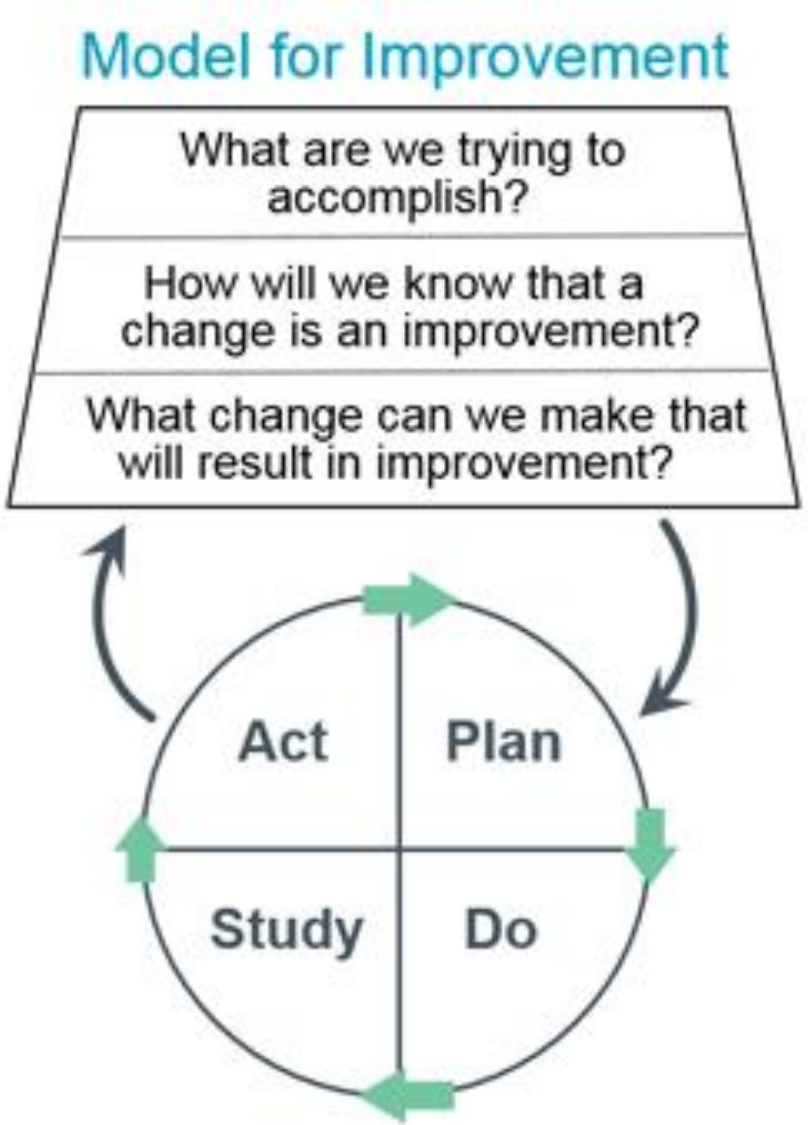
How can you modify your design and make it better?

Was someone able to sit on your construction for 1 minute?



What supplies do you have? What's most stable?

Make your chair! Who will be your tester?

Start

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Key Questions…

- How many tables successfully made a chair?
- How many tables didn't have enough resources?
- How many tables pooled their resources and worked together?
- How many tables shamelessly 'stole' the design ideas from others?

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Think of this challenge as a local project

Some of the barriers you experienced in today's session are similar to the challenges you face day to day with your local projects. For example:

Item	Number available	Cost	Real world challenge
A bag of balloons	13 bags	£1 a bag	**Limited money to support projects**
A roll of tape	10 rolls	£1 a roll	**The impact of staff shortages**
A bundle of string	2 bundles	£1 a bundle	**Limited resource in facilitating training to support staff**
A pair of scissors	1 pair of scissors	£1 for the scissors	**Having access to only one Activity Coordinator on a ward trying to reduce violence**
Balloon pump (for hire only – 10 mins a time)	1 balloon pump	£1 for 10mins hire	**Using an app to support your project that is only contracted for a specific period of time**

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Key Messages

- What happens if we pool our resources rather than working in silo's…
- What happens if we share our change ideas rather than trying to reinvent the wheel…
- What happens if we work collaboratively…

Over the next 2 days, take the opportunity to network with other Trusts, SHAMELESSLY STEAL ideas, listen to how other organisations have dealt with challenges and ask questions!