



SHOE TOWER CHALLENGE



CHALLENGE

Engaging in tricky things helps us to grow, learn and, connect with others.

Activity overview

Build the tallest structure that you can using shoes

Equipment required

As many shoes as you can find

Time required

As long as you want!

Combine construction and problem solving to reach new heights in this challenge!

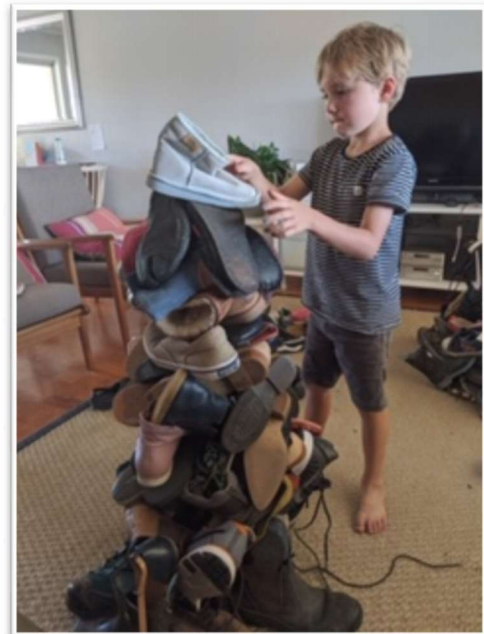
The Challenge

Using a range of different shoes (sneakers, sandals, thongs, boots ... whatever you have in your house) to build the tallest free-standing tower possible.

If you have 2 or more people attempting the challenge, divide the shoes into a left pile and a right pile.

Get Creative

- How quickly can you build a tower 1m tall?
- Can each person in the house make a tower equal to their height?
- Play around with the design – is there a better way?
- What other supplies would help? Introduce tape, cardboard, wood, string ...
- Build on a tricky surface (like a cushion). How does the design need to change to do this?



Source: <https://stemuniverse.com/resource/shoe-tower-makerspace-challenge/>

This information is not for sale. It is for educational purposes only.

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