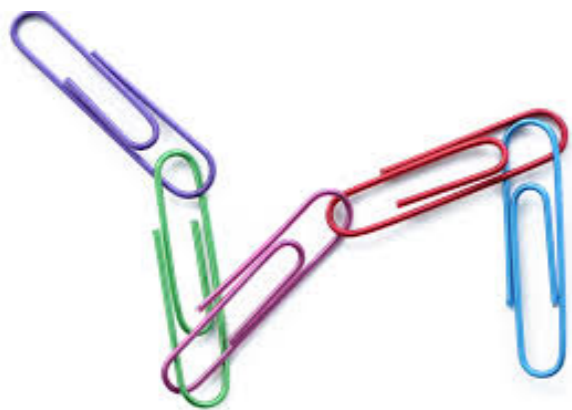


Top tips for **straw** structural engineers

Getting started

Simply link the paperclips together and push them into the ends of the straws!



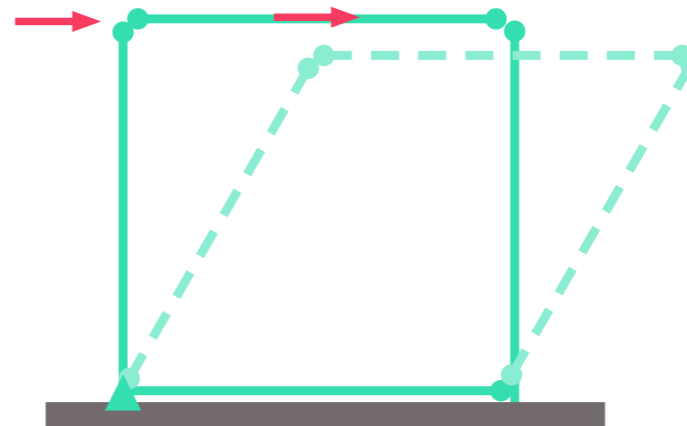
Step 1



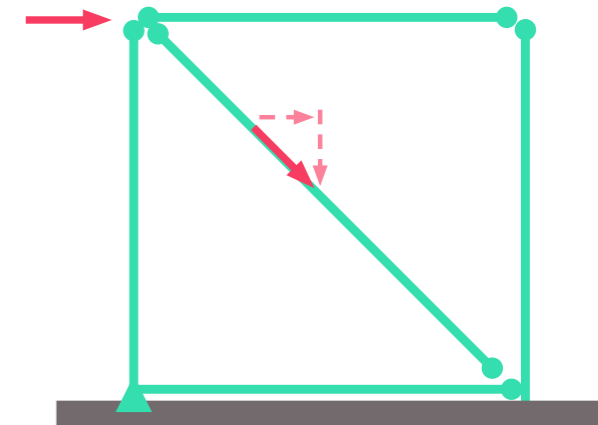
Step 2

Sturdy straws

Bracing will stop your structures from flopping over!
Hint: triangles are a stable shape



UNSTABLE!



STABLE!

Squashing and stretching

The straws can be squashed or stretched but remember, the string can only be stretched!



Stretching
(we call it tension)
Both **straws AND string**
can be stretched



Squashing
(we call it compression)
ONLY straws
can be squashed

Taking care of the environment

It is important that we do our best to look after the planet. We've used many of these straws and paperclips before and we'd like to re-use them again!

Please don't throw the materials away when you're finished. Return extra straws, string or paperclips to the buckets supplied.

Try to use our pre-cut lengths of straw and string where possible to minimise waste!

