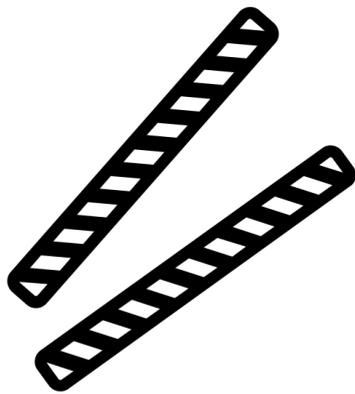


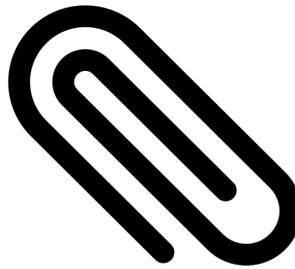
AI Dente Engineering

From the Gherkin to the Eiffel tower, many of the best known structures are made from triangles. So why not have a go at creating your own with this simple kit. Why not see how high you can build a tower or how long you can build a bridge.

Materials required:



Straws



Paperclips



Scissors

The challenge:

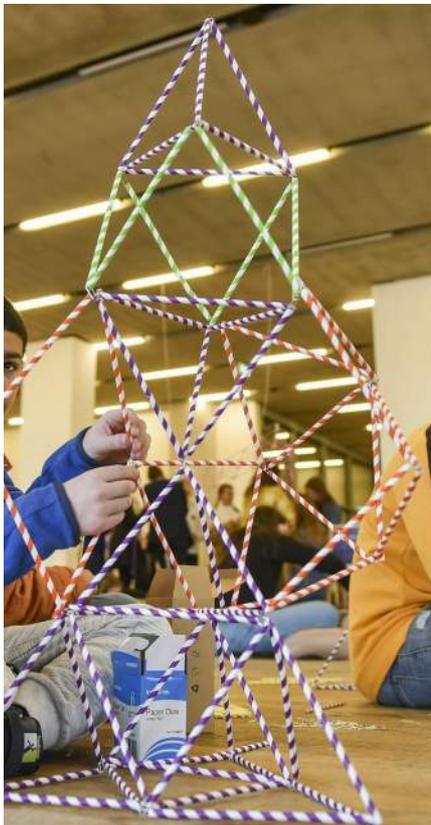
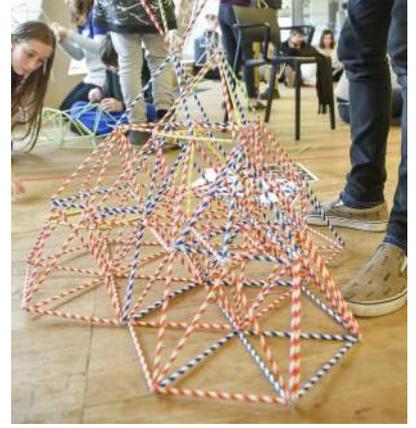
- Build a tower from the materials above
- Connect the straws by inserting paperclips into both ends of each straw and hooking one through the other
- Triangles are your friends!

This simple activity is a great way of getting to grips with the basics of engineering. Start by inserting paperclips into both ends of a number of straws. Then simply hook the end of one paperclip through the eye of another and tuck back in. Alternatively if you don't have paperclips sticky tape will do the trick.

Our top tips include keeping things simple, avoid crushing or bending the straws and try and keep things balanced.

Inspiration:

(Photos from previous Scale Rule workshops)



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