**Origami engineering**

Ever heard of Origami? Well, think of the different interesting shapes you folded paper into when you were younger. For example, you probably made this at some point in your life:

<insert image>

You figured out that a flat piece of paper can be made aerodynamic. You then played around with different shapes, sizes and weights to make sure the plane stayed in the air as long as possible. You were doing engineering!

Origami can also be seen in pop culture, e.g Prison Break character Michael Scofield's signature duck art:

<insert image>

You guessed right: Origami is part engineering, part art, and commonly done with paper or similar materials. Cool engineering can be done with Origami! For example, check out MIT's self-assembling robot below:

<https://youtu.be/0Die6iwC4Z0>

At the summer camp, we will be making at least one (non-mechanised) device from paper. Search online for things you can build from paper and get your imagination running!

You might also later consider taking an online course, such as [**this one**](http://ocw.mit.edu/courses/electrical-engineering-and-computer-science/6-849-geometric-folding-algorithms-linkages-origami-polyhedra-fall-2012/). You may also find this [**exhibition book**](http://www.paper-art-gallery.com/images/site/exhibitions/Origami_Prospectus_folding_paper-exhibition.pdf) interesting.