

A photograph of an astronaut in a white space suit with an American flag patch on the shoulder, standing on the moon. The image is overlaid with a semi-transparent green filter.

3Doodler[®] EDU

Design Challenge

3D High-Tech Fabrics

Participant's Guide

🚩 The Challenge

Using the 3Doodler, plastic strands, a material of your choice and conductive thread and LEDs, create a new fabric that solves a high-tech problem under water, in space or in extreme cold or heat.

🔗 More Information:

For further information and inspiration about the high-tech fabrics, visit:

- <http://goo.gl/ls4Ssm>
- <http://goo.gl/XQ0mdj>

🖼️ Images:

Cover Page: <https://goo.gl/E6DEJZ>

Fig. 1: https://upload.wikimedia.org/wikipedia/commons/9/94/Goretex_schemaen.png

Fig. 2: https://pixabay.com/static/uploads/photo/2015/03/11/15/19/divers-668777_960_720.jpg