



Year 5 DT Home Learning Tasks



ENGINEERING@HOME

This half term we're going to be using the website below to give you some provide you with some home engineering challenges. We've included some suggested activities for you to try, but feel free to have a go at any that take your fancy!

LEARN THROUGH EXPLORATION

Turn those materials you would normally send out in your recycling, into something that you can design, build and test. Challenge your friends and family, get creative and make it your own.

Weblink:

<https://www.smallpeicetrust.org.uk/engineering-at-home>

Inside the Factory

In case you're lacking resources at home, have a look at how socks are manufactured in this documentary series featuring TV's Greg Wallace. If you find it interesting, why not watch how some other things are made?



Link to Video Clip:

<https://www.bbc.co.uk/iplayer/episode/m000r03g/inside-the-factory-series-6-2-socks>

Challenge 1: The Rubber Band Car Challenge

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01
The Rubber Band Car Challenge
#SmallpeiceRBCC
Suitable for ages: 8-16
Time needed: 1hr+
smallpeice Dare to Imagine

Weblink:

<https://www.smallpeicetrust.org.uk/downloads/EaH-01-The-Rubber-Band-Car-Challenge.pdf>

2Challenge 15: The Glider Challenge

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15
The Glider Challenge
#EngineeringAtHome
Suitable for ages: 8+
Time needed: 1hr+
smallpeice Dare to Imagine

Weblink:

<https://www.smallpeicetrust.org.uk/downloads/EaH-15-The-Glider-Challenge.pdf>

Challenge 5: The Prosthetic Hand Challenge

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05
The Prosthetic Hand Challenge
#EngineeringAtHome
Suitable for ages: 5+
Time needed: 1hr+
smallpeice Dare to Imagine

Weblink:

<https://www.smallpeicetrust.org.uk/downloads/EaH-05-The-Prosthetic-Hand-Challenge.pdf>

Challenge 15: The Rocket Launcher Challenge

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06
The Rocket Launcher Challenge
#EngineeringAtHome
Suitable for ages: 5+
Time needed: 1hr+
smallpeice Dare to Imagine

Weblink:

<https://www.smallpeicetrust.org.uk/downloads/EaH-15-The-Glider-Challenge.pdf>

