

# Product Design

If you are thinking of continuing your studies to KS5 or degree level, consider exploring the following:

## CAD

Download CAD software and make use of the following tutorials:

Animation -  
[https://www.youtube.com/watch?v=n\\_WwW9yquFM](https://www.youtube.com/watch?v=n_WwW9yquFM)

Rendering -  
[https://www.youtube.com/watch?v=2\\_egn8hmkss](https://www.youtube.com/watch?v=2_egn8hmkss)

Assemblies -  
<https://www.youtube.com/watch?v=t41QmQszcbE>

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## Sketching Exercises

<https://www.youtube.com/watch?v=K9N0nYRPSI4>

<https://www.youtube.com/watch?v=Z4a-ExQjEsl>

<https://www.youtube.com/watch?v=Nb9uv51tIIQ&t=28s>

## Creative Confidence by Dave & Tom Kelly

In an entertaining and inspiring narrative that draws on countless stories from their work at IDEO, and with many of the world's top companies and design firms, David and Tom Kelley identify the principles and strategies that will allow us to tap into our creative potential in our work lives, and in our personal lives, allow us to think outside the box in terms of how we approach and solve problems.

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## Made to Stick

by Chip and Dan Heath

Why do disproved urban legends persist? How do you keep letting newspapers and clickbait sites lure you in with their headlines? And why do you remember complicated stories but not complicated facts?

## Solving Product Design Exercises: Questions & Answers Paperback

Practice your product design and UX skills. Prepare for your next job interview.

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# Engineering

If you are thinking of continuing your studies to KS5 or degree level, consider exploring the following:

## Autodesk Fusion 360

Download the software from <https://www.autodesk.co.uk/products/fusion-360/students-teachers-educators>

Sign in with the account you made at school using yourschool email address.

Next, complete the following lessons.

Animation -

[https://www.youtube.com/watch?v=n\\_WwW9yquFM](https://www.youtube.com/watch?v=n_WwW9yquFM)

Rendering -

[https://www.youtube.com/watch?v=2\\_egn8hmkss](https://www.youtube.com/watch?v=2_egn8hmkss)

Assemblies -

<https://www.youtube.com/watch?v=t41QmQszcbE>

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## Physics

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Practice physics



## Maths

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Practice maths

