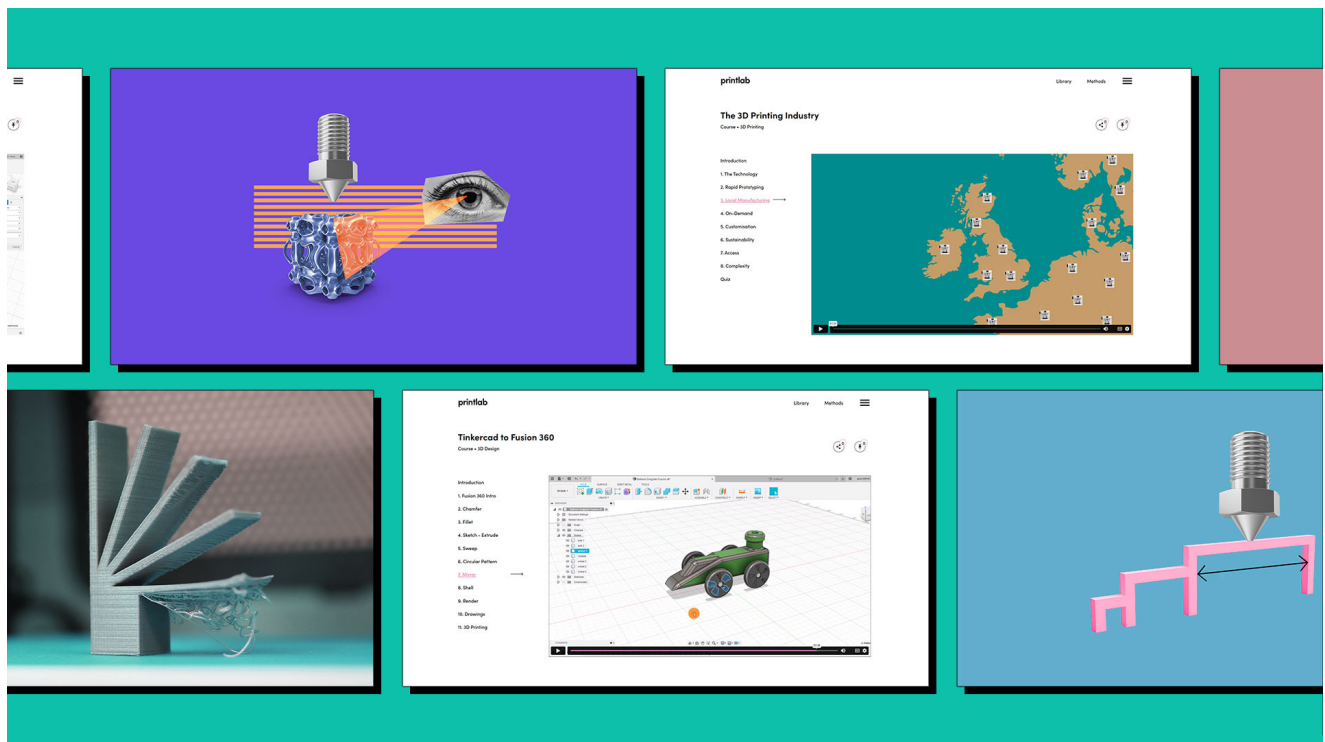


PrintLab is an online platform of **3D printing** courses, projects and design challenges.

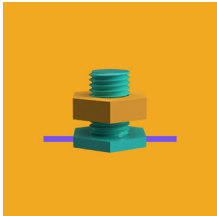


PrintLab is our very own online platform of 3D printing courses and projects, which can help students to build new technical and creative problem-solving skills in preparation for their Make:able journey. Although PrintLab is a paid-subscription, we invite you to [use the free trial](#) to explore and share a range of relevant resources with students over a 7 day period. This can be done either prior to the challenge, or during the skill building phase. And at the end of the trial, you can choose whether you'd like to subscribe to PrintLab.



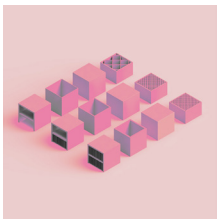
Intro to Tinkercad

This mini course combines all the key fundamentals of 3D modelling in Tinkercad into a 1-2 hour session.



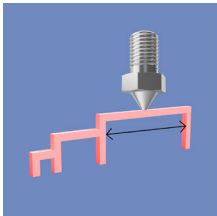
Intro to Fusion 360

Learn how to get started with Fusion 360. A series of base models are provided with the course, which are used in conjunction with 13 bitesize instructional videos.



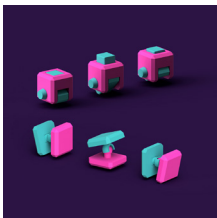
Slicing for 3D Printing

In this short online course, you will learn about 10 essential slicer settings to help get the most out of your 3D printer. The course is video based and based on FFF (Fused Filament Fabrication) 3D printers.



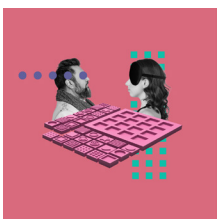
Designing for 3D Printing

In this short online course, you will learn about the best practices for designing specifically for 3D printing. The course is video based and goes over 10 essential tips to achieving good quality prints.



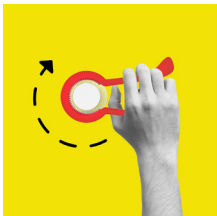
3D CAD Tutorial Library

Looking for quick tutorials rather than full projects? PrintLab's 3D CAD Tutorial library is the ultimate toolkit of Tinkercad and Fusion 360 tutorials and includes a whole section dedicated to assistive devices.



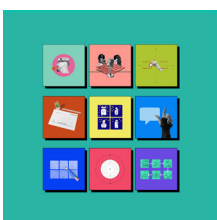
Mechanisms

In this intermediate-advanced mini course, you'll be introduced to the fascinating world of 3D printed mechanisms. The creative learning resources will teach you how to add connections and movement to your 3D models - unlocking new and innovative design possibilities.



3D CAD Tutorial Library

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Design Methods

3D CAD and 3D printing is just a small part of the full process designers go through. In this resource, you'll explore a complete library of research, design, evaluation and presentation activities.

Learn more and start a free trial at
www.weareprintlab.com