

A LEVEL DESIGN & TECHNOLOGY PRODUCT DESIGN

GET YOURSELF ORGANISED

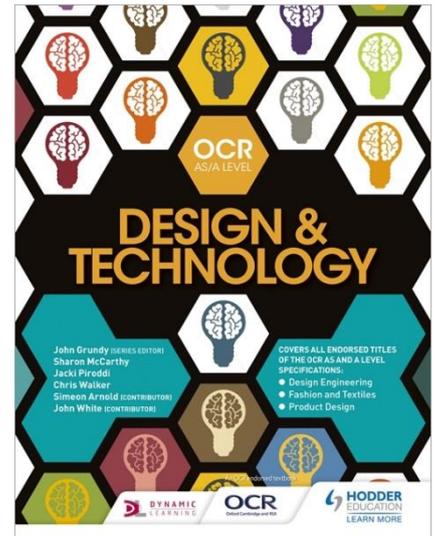
Over the summer there are a few things that you need to sort out so you are ready to get underway in September.

Purchase the new OCR TEXTBOOK

This is a new course and you will be only the second cohort to study it. The COURSE BOOK is expensive but will cover both Y12 and 13. The official book is provided by OCR and covers all content. Use this link

<https://www.hoddereducation.co.uk/aleveldesignandtechnology/ocr>
to find it then search for the cheapest providers online.

Purchase an A4 ring binder with dividers for your theory module and coursework notes. Have in it an A4 pad so you can always write/sketch things down.



Identify and collect a product that you could dismantle for a product analysis task. It must contain **at least 3 different materials**. It does not need to work but it might be helpful if it does in some cases. You can pick a suitable product yourself.

An example of a suitable product would be anything simple that we can disassemble, analyse and model so we can learn the 3D CAD modelling tool that is PTC CREO. Keep it small enough to handle easily but not too fiddly to disassemble.

SUMMER TASK –

USING PTC CREO ON YOUR HOME COMPUTER

On the school system we have PTC CREO which you can download from

www.ptc.com/en/academic-program/products/free-software or Google PTC CREO STUDENT.

This is a large download or is available on a memory stick from school (YOU MUST PROVIDE THE USB STICK YOURSELF).

You will need to register to use it on PTC's website.

The following link is helpful for tutorials that you should follow to help you learn how to use the program [CREO 2.0 tutorials](#) or straight to the [You Tube channel](#).

Please familiarise yourself with the program and follow the instructions recording screen shots of each tutorials result on an A4 document for printing. There is a chance we will upgrade over the summer to CREO 3.0 so if you have the option please download the upgraded version.

WHAT IS PRODUCT DESIGN ALL ABOUT? Please watch these.

Interesting Video's to watch on You Tube

Product Design Sketching and rendering - <https://www.youtube.com/watch?v=xrzwFKRTxPM>

Product Design at Dyson - https://www.youtube.com/watch?v=R_IV_JnNJGg

Dieter Ramms Design - <http://www.youtube.com/watch?v=-N5aQyCzm4I>

The Design Ethos of Dieter Ramms - <http://www.youtube.com/watch?v=A6-wA-7QIeE>

Design – Apple Mac <https://www.youtube.com/watch?v=3q6ULOT9Q4M>

Subscribe to this guy <https://www.youtube.com/user/producttank>