

New Students Summer Project 2020 – A level Product Design

The Twice Weekly Design Challenge (TTWDC)

The rules:

1. You should aim to spend at least **one hour** on each design
2. Your submission should be one single sheet of either A4 or A3
3. Your submission can be:
 - One single (but very good) drawing
 - Several drawings, perhaps showing different views of the same product
 - A series of 'initial sketches' and a 'final design'
 - A CAD drawing
 - Any combination of the above

You can use any CAD software you have access to, but here is the link to download Autodesk Inventor and Autodesk Fusion 360 (you need to use your school email address to do this to prove that you're a student – that way you get the software for free. Beware though – it is quite a 'big' programme – make sure you have space on your hard drive). There are loads of tutorials on YouTube to get you started.

<https://www.autodesk.com/education/free-software/featured>

You are strongly encouraged to use drawing techniques that you may have used in lessons: isometric, 2 point perspective, exploded diagrams. If you don't know what these are, do some research – you will find lots of tutorials on YouTube. You are also strongly encouraged to use **colour**.

Submit by the date given each week. Send to cjb@ssfc.ac.uk. *if you find out about this project later than the dates set – please do not worry and just start week 1 from the date you received it. We still want you to join in!

The best one of each will be presented with a virtual prize!

The winner and the best of the rest will be shared on Social Media.

Look for the Instagram account **scg_productdesign_ttwdc**.

Week 1: Submit by Friday 3rd April 5pm

1. A Torch
2. A trophy

Week 2: Submit by Friday 10th April 5pm

1. A Toothbrush (electric or manual)
2. A mouse

Week 3: Submit by Friday 17th April 5pm

1. A water / drinks bottle
2. A bike light

Week 4: Submit by Friday 24th April 5pm

1. A sellotape dispenser
2. A portable power tool e.g.drill

Week 5: Submit by Friday 1st May 5pm

1. A soap dispenser
2. A speaker or speakers

Week 6: Submit by Friday 8th May 5pm

1. A camera
2. A kettle