



## Transition Task

In Product Design we are interested in solving real life problems with creative thinking. Your transition tasks are designed to allow you to flex your creativity muscles after sitting all those exams!

We also need you to gain greater confidence with communicating your designs using hand sketches and CAD.

Below are the tasks we would like you to complete in readiness for your first lesson.

Pick a hand size(ish) product you use regularly (TV remote, hairdryer, kitchen utensil) Pick something that has an organic shape.

### **Task 1—Sketch it**

Sketch your chosen product by hand using only pencil. Use tone to create the 3D form. It doesn't need to be to scale. You should sketch on an A4 or A3 sheet = approx 1-2hrs.

### **Task 2—Draw it**

Sketch your chosen product using CAD. Use any 3D drawing package you have easy access to. We would recommend Google SketchUp; It is free to download and there are loads of tutorials for it. It is essential you know how to use a 3D computer package as you have to include CAD drawings in your coursework. Therefore, it is crucial you spend time building your confidence = minimum 1hr (the more the better.)

### **Task 3—Solve it**

Observe a family member or friend using a product that you think could be improved. Take some photos of them using the product and make notes about some of the problems they have using it. Suggest 3 improvements/solutions. You could write your ideas or sketch them. Don't over think your solutions; go with your gut reaction and be as bold and as out there as you want! This task should fill an A3 sheet = approx. 1.5 hr.

Photos	Problem 1	Solution 1
	Problem 2	Solution 2
	Problem 3	Solution 3

This is a suggested layout. You can be as creative as you want.

If you are bored on a rainy day....

Watch the You Tuber Product Tank who has some fantastic advice for budding designers.

<https://www.youtube.com/user/producttank>

We look forward to welcoming you!

The BFS DT team.

