

## Year 11 into 12 Bridging the Gap

### Summer Work for 2020 Entry



**St Philip Howard**  
SIXTH FORM  
*Learn, Grow, Achieve*

We want you to be really successful and what it takes to be successful at GCSEs is different from being successful at A-Levels. Although you have fewer subjects there are different skills at A-Level and the volume of work is greater because the depth and detail is more demanding.

Bridging the Gap Work will reassure you that the subject you have selected is for you, or allow you time to change your choice of subject at enrolment, as long as there is space and you meet the entry criteria. We want you to study a course that interests you and you are sufficiently qualified to study.

#### **Subject:**

Design and Technology (Product Design)

#### **Head of Subject:**

Mr M Ford

#### **Aim of Bridging Work:**

To develop students ability to communicate design ideas using different graphics techniques. Each task over the next few weeks will build upon the previous one to develop graphical communication. This will culminate in an 'innovation challenge' style task in which students will be designing a product to suit a given challenge brief.

#### **Equipment List :**

For this first task you will require:

- HB Pencil
- 2H pencil (optional but preferable)

#### **Textbook(s) for September:**

AQA AS and A-level Design and Technology:  
Product Design Hodder ISBN-13:  
9781510414082

#### **Reading List:**

<https://www.youtube.com/watch?v=gotOLms4Nag>

### **TASK**

In this task we will focus on the use of construction lines to develop the quality of your initial design idea sketches.

But what actually are construction lines?

Construction lines are faint lines that are used like a builder would use scaffolding. They are created to support the construction of the drawing that you are creating. Whilst they are visible on the drawing, they are faint lines and do not make up the final illustration itself.

#### **Learning Task 1**

You are going to generate a page(s) (either 1 x A3 or 2 x A4) of sketches that have been completed using construction lines. For this task you are going to draw at least 4 variations of either a radio alarm clock or a smart speaker. You need to focus carefully on how you are using construction lines to help build the illustrations.



### Rules of the task !

You drawings should be completed in pencil only for this task.

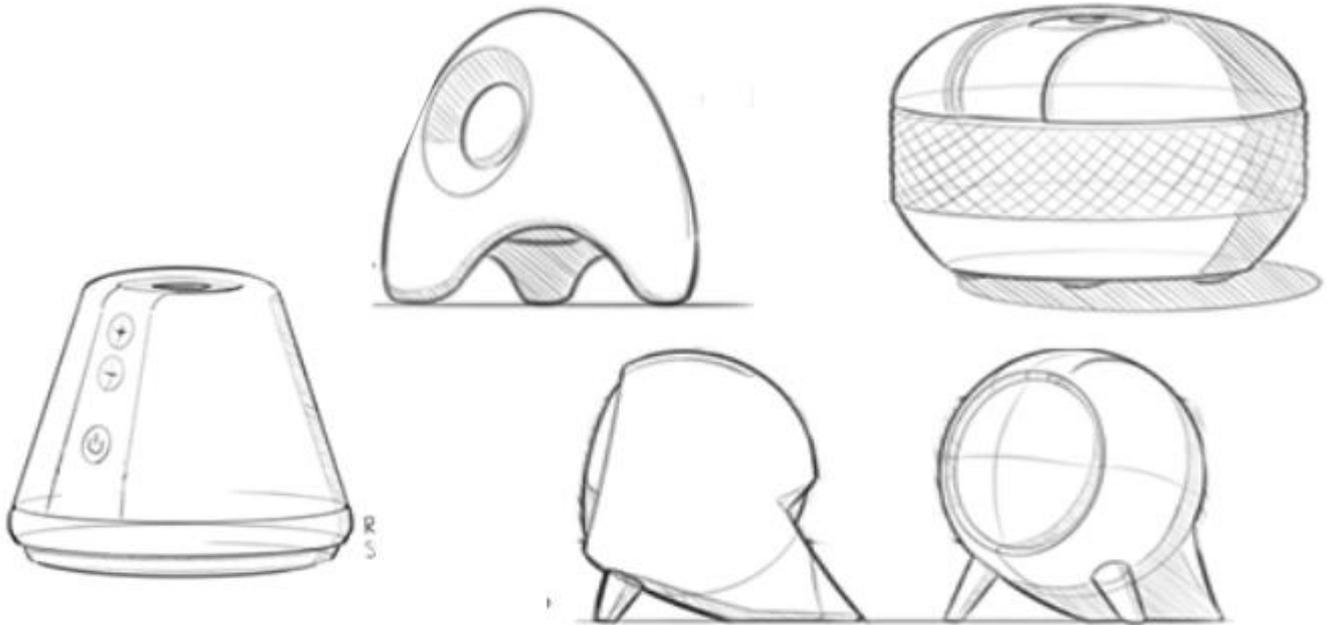
(HB is ideal for drawing however a 2H pencil can be useful for construction lines)

No rulers are allowed. This is a sketching task and you cannot use a ruler!

You must draw in 3D, Isometric is ideal however we want you to try so don't panic if you find 3D difficult at this point.

### Examples

Try and draw from real life objects NOT pictures from the internet!



You should be aiming to spend about one 1 hour 30 minutes on this task. That is approximately 20 minutes per sketch. Don't rush this ... it's about developing your skills!