

## **Summer Term Work Design & Technology**

### **Key Stage 3 (Year 7, 8 and 9)**

#### **STEM Cymru Challenges**

Take part in the weekly STEM Cymru Challenge on the STEM Cymru website (link in Google Classroom). You can post your work in your classroom and Tweet it on the STEM Cymru feed.

#### **OnShape CAD Tutorials**

There are several tutorials on the YouTube links in Google Classroom that show you how to download the software and develop skills using basic techniques. Post your completed work in your classroom and don't forget to include your name.

#### **Sketching Tutorials**

There are several tutorials on the YouTube links in Google Classroom that show you how to develop skills using basic techniques. As you grow in confidence try to sketch some design ideas. Post your completed work in your classroom and don't forget to include your name.

### **Key Stage 4 and 5 (Years 10 and 12)**

#### **OnShape CAD Tutorials**

There are several tutorials on the YouTube links in Google Classroom that show you how to download the software and develop skills using basic techniques. Post your completed work in your classroom and don't forget to include your name.

#### **Sketching Tutorials**

There are several tutorials on the YouTube links in Google Classroom that show you how to develop skills using basic techniques. As you grow in confidence try to sketch some design ideas. Post your completed work in your classroom and don't forget to include your name.

#### **Engineering Award, GCSE Product Design**

Read through the theory booklet and work through the past papers. Only use the mark schemes to correct your work.

#### **A Level Product Design**

Read through the theory booklet and work through the past papers. Only use the mark schemes to correct your work. You will also need to develop a project for completion during year 13, now is a perfect opportunity!