

## Year 9 Electronics Homework Enrichment tasks

### Task 1 – Sustainability

Describe the environmental impact of electronic products. Consider what potential damage they can do to the environment? What are the particular issues with electronic products? What can we do to minimise the damage?

### Task 2 - Soldering video

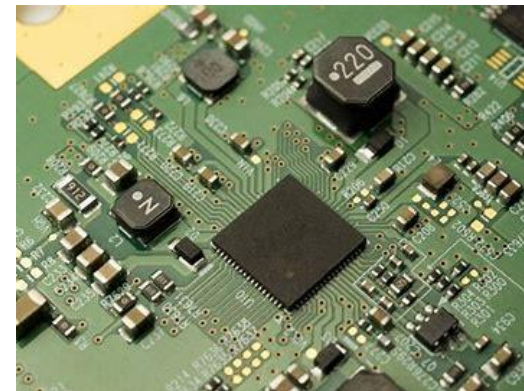
Watch this video and make short notes of key points [Instantly Improve Your Soldering Skill / Soldering Tutorial – YouTube](#)

### Task 3 – Pick and Place machines

Watch this video and make short notes of key points  
Why to do think these are useful for electronic product manufacture?

### Task 4 – PCB Production

Watch this video and make short notes of key points  
<https://youtu.be/vEj2ztN737A>



**Task 5** – Develop your 3D drawing skills by trying Sketch-Up or tinkercad.

Both are free programs yo can download. Use your school account to register then you can use in school and at home.

[Download SketchUp | Free Trial of 3D Modeling Software](#)  
[Learn 3D Design \(tinkercad.com\)](#)