

Hello Y11

Following today's induction, your aim for the next 4 months is to improve your skills and understanding of a range of D&T topics to ensure you have sound foundations in key D&T skills and knowledge. These are outlined below.

- Joining a Seneca D&T group to revise all GCSE D&T content. Many topics covered at GCSE are the foundations for A Level, consequently, the more you revise, the more successful you'll be next year.
 - Login to Seneca and use this class code **ofrhurdcug** or copy and paste the link: <https://app.senecalearning.com/dashboard/join-class/ofrhurdcug>
- Sketching and more formal drawing in a range of techniques such as, 1 point perspective, 2 point perspective, isometric and orthographic drawing. You can't practice too much! Improving your communication is crucial for the next two years.
- Evaluating existing products as a medium to learn and understand a range of product design and manufacturing skills and techniques. Being talked at is boring but evaluating a product and learning about why it's shaped that way, made that way, assembled that way and finished using a particular technique is far more interesting. You will be directed to evaluate one product by Mr Jones and then after having had feedback, you may go on to evaluate 5-10 other products of your choice.
- Develop an understanding and be able to draw products in two different 3D CAD software packages called SketchUp and OnShape. Sketching is critical to start designing solutions to problems. However, as you refine your solution, CAD is critical to its success. Consequently, getting to grips with these programs while you have this time available is invaluable.
- Undertake the following activities (see lesson powerpoint)
 - 1. Product Study
 - 2. Product Comparison
 - 3. Great Induction Scavenger Hunt

Deadline – Monday